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RELATIVE HELIUM ABUNDANCE AND PLASMA

PROPERTIES IN THE SOLAR WIND

By Donald Eugene Robbins

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A Dissertation Presented to
the Graduate School Faculty of the
University of Houston
In Partial Fulfillment of the
Requirements for the Degree
Doctor of Philosophy

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
MANNED SPACECRAFT CENTER
HOUSTON, TEXAS

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ABSTRACT

Data obtained on the Vela 3A and 3B satellites between July 1965 and July 1967 have been used to study the relative abundance and plasma properties of helium in the solar wind. The long term average of the helium to hydrogen density ratio was 0.037. Of the 10,314 spectra used from this period, 90% gave helium-hydrogen ratios between 0.01 and 0.08. Comparisons with "solar surface" relative helium abundance measurements were made. The long term average of 0.037 is less than the most recent determination of the "surface" ratio, i.e. 0.063. The helium-hydrogen ratios observed were greater than 0.063 only 10% of the time. Mechanisms which allow regions of higher helium abundance in the solar chromosphere and corona are discussed. Large variations of the helium-hydrogen ratio were observed even when averages over solar rotations were computed. A possible solar cycle dependence in the solar wind helium abundance is suggested. Sudden large increases in the solar wind helium-hydrogen ratio are shown to correlate well with Forbush decreases and sudden commencement geomagnetic storms. Theories relating these increases to part of the solar chromosphere blown out into the solar wind during flares are discussed. The helium and hydrogen bulk velocities were found to be virtually equal at all times; and, a discussion of the phenomena of "frozen in flux" to explain this equality is given. It was found that the solar wind ion species are rarely in thermodynamic equilibrium. The helium temperature was, on the average, four times the hydrogen temperature, indicating that the two ion species have equal random velocities. Suggestions are presented for future extension of this and related research.

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CHAPTER I

INTRODUCTION AND BACKGROUND

The chemical composition of the universe and its various parts is of classic interest in astronomy and astrophysics. The major reasons for studying elemental abundances are given by Aller [1961]:

1. Comparisons of the primordial composition of the solar system with that of the earth and other planets give information on the origin and chemical history of the earth.
2. Knowledge of elemental abundances is needed to construct models of the sun and stars. These models add to our understanding of the physical and chemical processes that take place in their atmospheres and the interstellar medium.
3. Chemical abundance distributions are needed to test theories related to the synthesis of elements.

Aller [1961] gives five sources of information contributing to the knowledge of universal elemental abundances: the sun and other stars, gaseous nebulae and the interstellar medium, cosmic rays, the earth's crust, and meteorites.

This paper is limited to a study of the relative solar abundance of helium. Actually, the compositions of the sun and of the solar system are very similar to most of the observable objects in the universe [Unsöld, 1969]. A study of helium is of particular interest since, second to hydrogen, it is the most abundant element.

Wheeler and Meyer [1968] note that helium was first discovered on the sun. The French astronomer P. Janssen observed the helium D₃ spectral

line in solar prominences during an eclipse on August 18, 1868. Janssen actually did not realize that he had seen the helium D₃ line. Later that same year, a British astrophysicist, J. Norman Lockyer, observed the same helium line in solar prominences using a spectroscope. He became convinced that the line was produced by a new element not yet seen on earth and subsequently named it "helium" after the Greek word "helios," the sun.

As recent as 1964 Ginzburg and Syrovatskii [1964] listed four "channels" by which information about the cosmos is obtained: optical observations, radio astronomy, gamma ray or X-ray astronomy, and cosmic radiation. These "channels" include processes by which information is obtained in the form of radiation. Two other radiation "channels" can now be added, solar wind particles and neutrinos. Another type of "channel" has been introduced recently in the form of chemical analysis of the lunar surface by α particle backscatter experiments performed on the soft-landing Surveyor Lunar Mission [see Turkevich et al., 1967]. Still another "channel" will be added this year as Apollo 11 astronauts collect and bring back lunar surface materials for abundance studies.

Helium is continually produced by thermonuclear fusion in the sun's interior. However, it is generally believed [Fowler, 1967 and Unsold, 1969] that the solar surface has not been mixed with the interior. There is mixing of the outer layer, i.e. down to a depth of about 0.1 the radius, as heat is transferred to the surface by convection. However, the elemental abundance of the photosphere and surface layer is believed to be essentially unchanged since the sun's birth approximately 4.5 billion

years ago. Since there is reason to believe the loss of material has been negligible during this time, a measurement of the relative helium abundance of the surface or photosphere is a fair determination of the primordial composition.

The He I and He II lines are not observable in a star whose surface temperature is less than $\sim 10,000$ °K [Unsöld, 1969]. Since the sun's photospheric temperature is less than 6000 °K, solar surface measurements of helium are virtually impossible by spectroscopic methods. Solar prominences that originate in the chromosphere and extend into the lower corona offer the only possible site for spectroscopic observations of helium on the sun. (It was in the prominences that Lockyer first discovered helium.) Because the degrees of ionization are not well known, and because there are severe deviations from local thermodynamic equilibrium, these results are highly uncertain. Unsöld [1969] gives a value of 0.16 for the helium-hydrogen ratio using these spectroscopic data. Biswas and Fichtel [1964] and Gaustad [1964] have combined solar cosmic ray data with spectroscopic data to obtain a solar helium-hydrogen ratio of 0.09. They used spectroscopic data from Goldberg, Muller, and Aller [1960] and Aller [1961] for the ratios of hydrogen to low-Z nuclei (C, N, O, and Ne). Theoretical models for cosmic ray production in flares involve temperatures high enough to completely ionize the elements of He, C, N, O, and Ne. Since the abundant isotopes of these elements have the same charge to mass ratio, it was argued that their relative abundances are preserved throughout their acceleration and transport to the earth. Biswas and Fichtel [1964] reported that

the ratio of helium to low-Z nuclei (C, N, O) was fairly constant for six measurements in three separate solar particle events as measured on rocket borne emulsions. Hence, Biswas and Fichtel [1964] and Gaustad [1964] argued that the combined solar cosmic ray and spectroscopic ratios must reflect the true relative solar abundance of helium.

It should be noted here that neither the spectroscopic measurements in prominences, nor the solar cosmic ray data are true solar surface measurements. The spectroscopic measurements are made in prominences in the chromosphere and lower corona. Similarly, flares are chromospheric phenomena. Thus, these measurements give chromospheric or lower coronal abundances which may be quite different from photospheric or surface abundances. (This point is discussed in a later chapter.)

More recently, Lambert [1967] reported that revisions in the accepted solar abundances of carbon, oxygen, and nitrogen have been made. He repeated the earlier calculations of Biswas and Fichtel [1964] and Gaustad [1964] and obtained a solar helium to hydrogen density ratio of 0.063 ± 0.015 .

Solar wind helium was first identified by Snyder and Neugebauer [1963, 1964] using Mariner 2 electrostatic analyzer data. Mariner 2 operated only for the last four months of 1962. The average helium to hydrogen density ratio during that period was reported by Neugebauer and Snyder [1966b] to be 0.046 ± 0.038 . They used a total of 1213 spectra. Hundhausen et al. [1967a], using Vela 3 electrostatic analyzer data, obtained an average of 0.042 for the solar wind helium-hydrogen

ratio. Their data consisted of 522 spectra taken over the 40 day period between July 24, 1965 and August 29, 1965. Large variations in the individual helium-hydrogen ratios have been observed by Neugebauer and Snyder [1966b], Hundhausen et al. [1967a], Wolfe and Silva [1965], Wolfe et al. [1966a], and Coon [1966].

The interplanetary magnetic field is strong enough to "shield" the solar system from interstellar particles at solar wind energies, thereby making the solar system a closed system at these energies. The interplanetary magnetic field is actually an extension of the sun's magnetic field. The field lines are tied to the surface of the sun which is rotating. The solar wind plasma which expands radially outward freezes the sun's magnetic field into the plasma pulling it out into interplanetary space and producing a field structure shaped grossly like an Archimedes spiral (see Figure 1). The structure of the interplanetary magnetic field was proposed by Parker [1958]. The average rotational period of the sun is 27 days. The time required for solar wind particles to travel from the sun to the earth is between 3 and 5 days, depending on the bulk flow velocity of the particles. The magnetic field is oriented at an angle of about 40° with the earth-sun line at 1 A.U.; even though, the solar wind particles are confined to an angular sector of 5° - 10° about the direction from the sun [see Hundhausen et al., 1968].

This study has extended the period of observation for solar wind helium; and, long term properties have been obtained. Comparisons have been made with solar "surface" measurements of relative helium abundances.

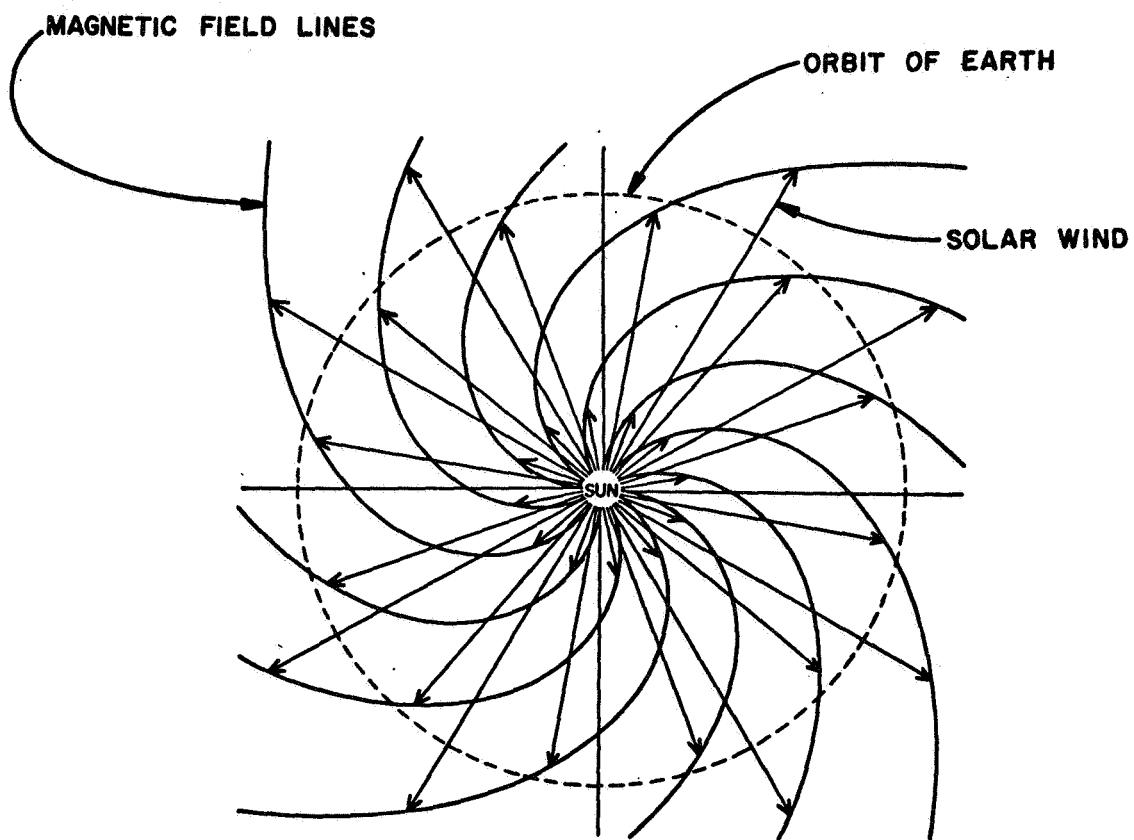


Figure 1. Structure of interplanetary magnetic field showing characteristic Archimedes spiral resulting from solar rotation and solar wind motion. The structure shown is produced because the magnetic field lines of the sun are frozen into the solar wind which is blowing out into interplanetary space.

Variations in the helium-hydrogen ratio were related to disturbances in other solar wind parameters. Because the origin mechanisms for the solar wind are not understood in detail and it is not known whether trapping or storage of solar wind particles in the corona exists, no attempt has been made to relate solar wind helium properties back to active regions on the solar disk.

Hydrogen densities, bulk velocities and temperatures as well as helium bulk velocities and temperatures have been obtained as by-products of the calculations for the helium to hydrogen density ratios. Comparisons are made with earlier reports of hydrogen plasma properties. Correlation studies of the helium and hydrogen solar wind parameters have also been performed. In addition, comparisons of the helium and hydrogen ion velocities and temperatures were made.

CHAPTER II

DESCRIPTION OF EXPERIMENTS AND DATA

The data used in this study were obtained from electrostatic analyzers flown on the twin, earth orbital Vela 3A and 3B satellites. The orbital parameters, detector, and data are discussed in detail. Most of this discussion is taken from descriptions given earlier by Singer [1965], Coon [1966], Bame et al. [1967], Gosling et al. [1967a], and Hundhausen et al. [1967a].

I. SATELLITES AND ORBITAL PARAMETERS

The launch and orbital parameters are summarized in Table I. Both satellites were launched with a common booster on July 20, 1965 and as of the Spring of 1969 are still producing useful data. Their orbits are almost circular. The satellites are spin stabilized, rotating at a rate of about 2.2 rev/sec (about 0.8 degrees per millisecond). The spin axis lies in the plane of the orbit which is inclined 60° to the ecliptic plane. Figure 2 illustrates the locus of points, in the ecliptic plane, sampled from the satellites' orbits over a period of six months. The satellites are separated in space by approximately 180°, as indicated in Figure 2. The positions of the magnetosphere and bow shock, with respect to the orbits, are also shown. It can be seen that each satellite spends about one-third of the time in the interplanetary medium outside the magnetosphere and bow shock. During this time data are taken that are representative of the solar wind characteristics. Only these data are used in this study.

TABLE I
VELA 3 LAUNCH AND ORBITAL PARAMETERS

	Satellite	
	3A	3B
Launch Date	July 20, 1965	July 20, 1965
Final Orbit Period (hours)	111.6	112.0
Apogee (earth radii)	19.2	20.1
Perigee (earth radii)	17.7	17.0
Orbit's Inclination to Ecliptic (degrees)	58.8	58.5
Spin Rate (revolutions/second)	2.25	2.21

INTERPLANETARY
MEDIUM

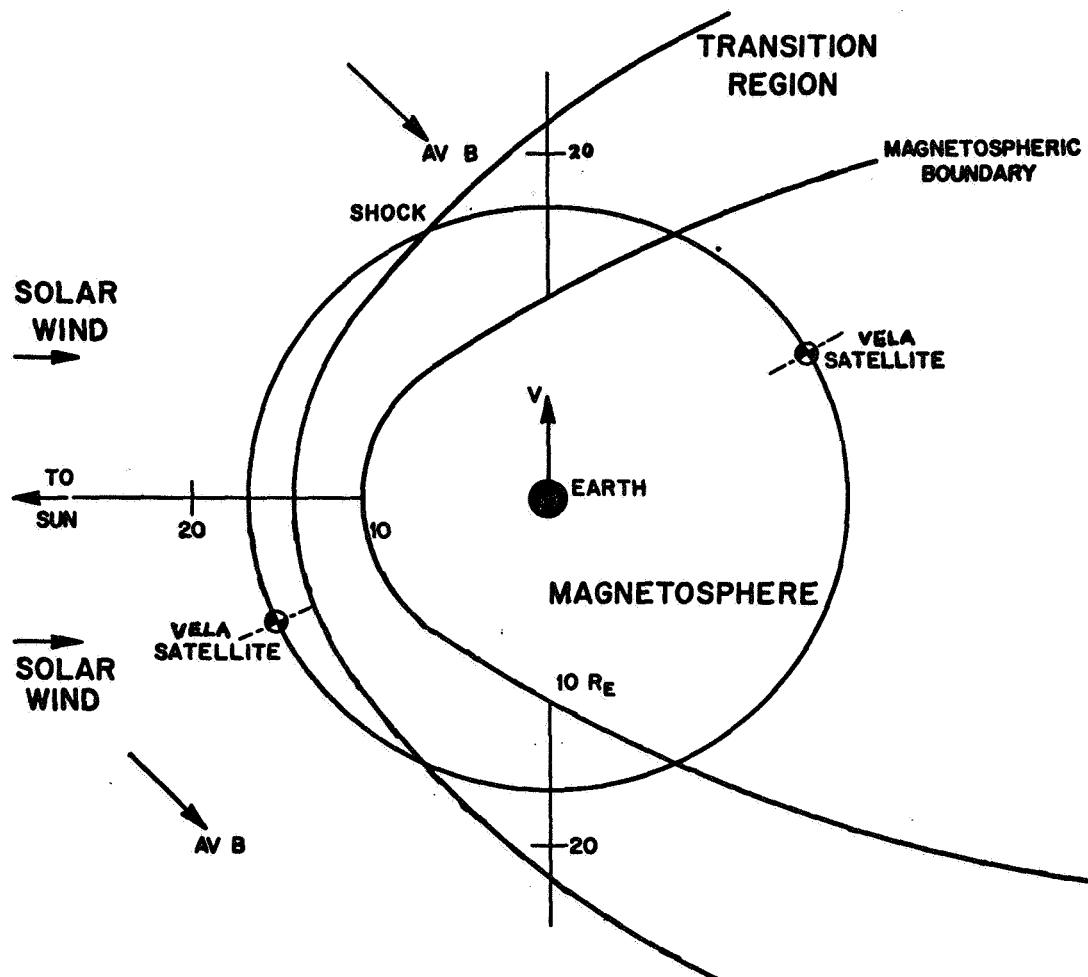


Figure 2. Regions in the ecliptic plane sampled by the Vela satellites. The circle in this figure is not a satellite orbit, but is rather the approximate locus of points sampled in the ecliptic plane during 6 months time. Vela 3A and 3B satellites are separated by approximately 180° as shown.

A spacecraft coordinate system is defined in Figure 3. The z-axis is taken to be along the spin axis of the satellite; and, the x-axis is defined as lying along the sun-satellite line (the direction away from the sun is taken as positive). The y-axis is perpendicular to the x and z axes according to the right hand convention. The velocity vector \vec{v} of a solar wind particle in this coordinate system makes an azimuthal angle ϕ with the x-axis in the x-y plane and a polar angle θ taken from the x-y plane.

II. DETECTOR SYSTEM

The electrostatic analyzer consists of a pair of concentric hemispherical electrodes, mean radius 3.585 cm and separation 0.198 cm. Programmed potentials are applied across the electrodes. With a given voltage across the plates, only particles in a narrow range about some central energy E_i can pass between the plates. These particles are counted by an open-ended electron multiplier. The system operates at the pressure of free space, i.e. $\sim 10^{-10}$ dynes/cm² (10^{-13} millibars). The analyzer system is pictured in Figure 4.

Figure 5, taken from Hundhausen et al. [1967a], illustrates the orientation of the analyzer plates with respect to the spin axis of the satellite. The acceptance angle in the polar coordinate θ ranges from 50° below to 50° above the plane perpendicular to the spin axis. Acceptance in spacecraft azimuthal angle ϕ is on the order of a few degrees. As the spacecraft spins, measurements are made over 8 angular sectors, 5 of these lying within $\pm 15^\circ$ of the sun-satellite line in the equatorial

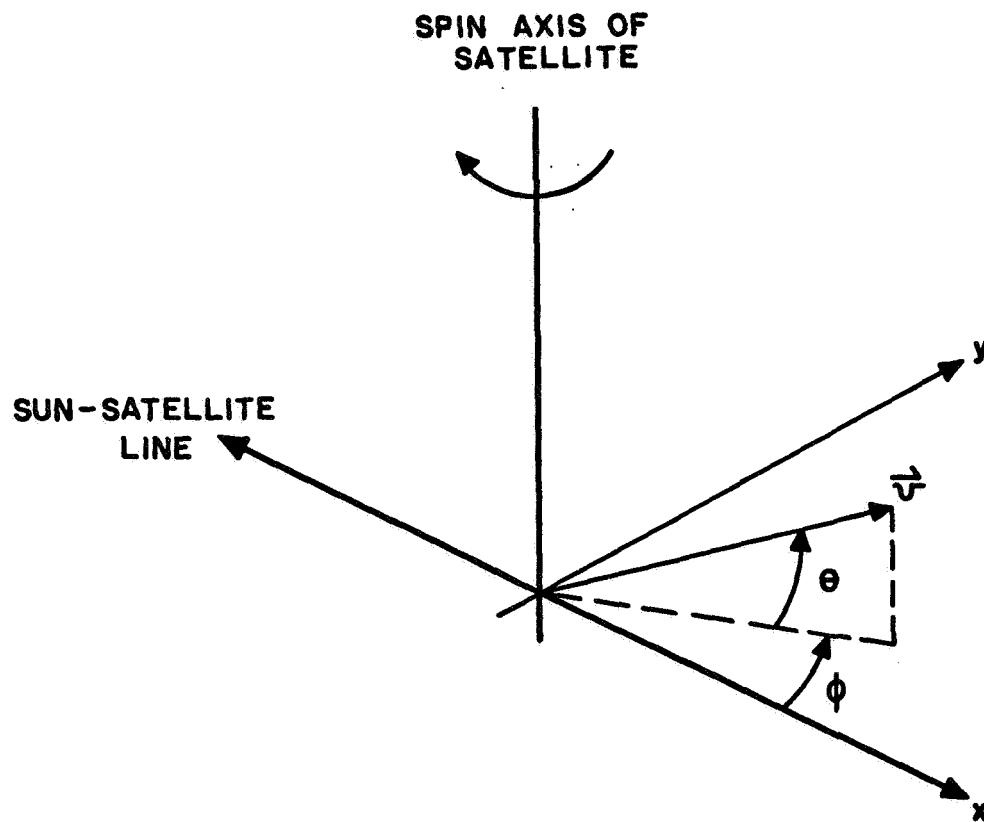


Figure 3. Spacecraft coordinate system. The vector \vec{v} represents the direction of a solar wind ion. The spin axis is in the plane of the orbit. The y -axis is perpendicular to the orbital plane. Θ measures the angle of \vec{v} from the x - y plane. Φ measures the angle of \vec{v} from the x -axis in the x - y plane.

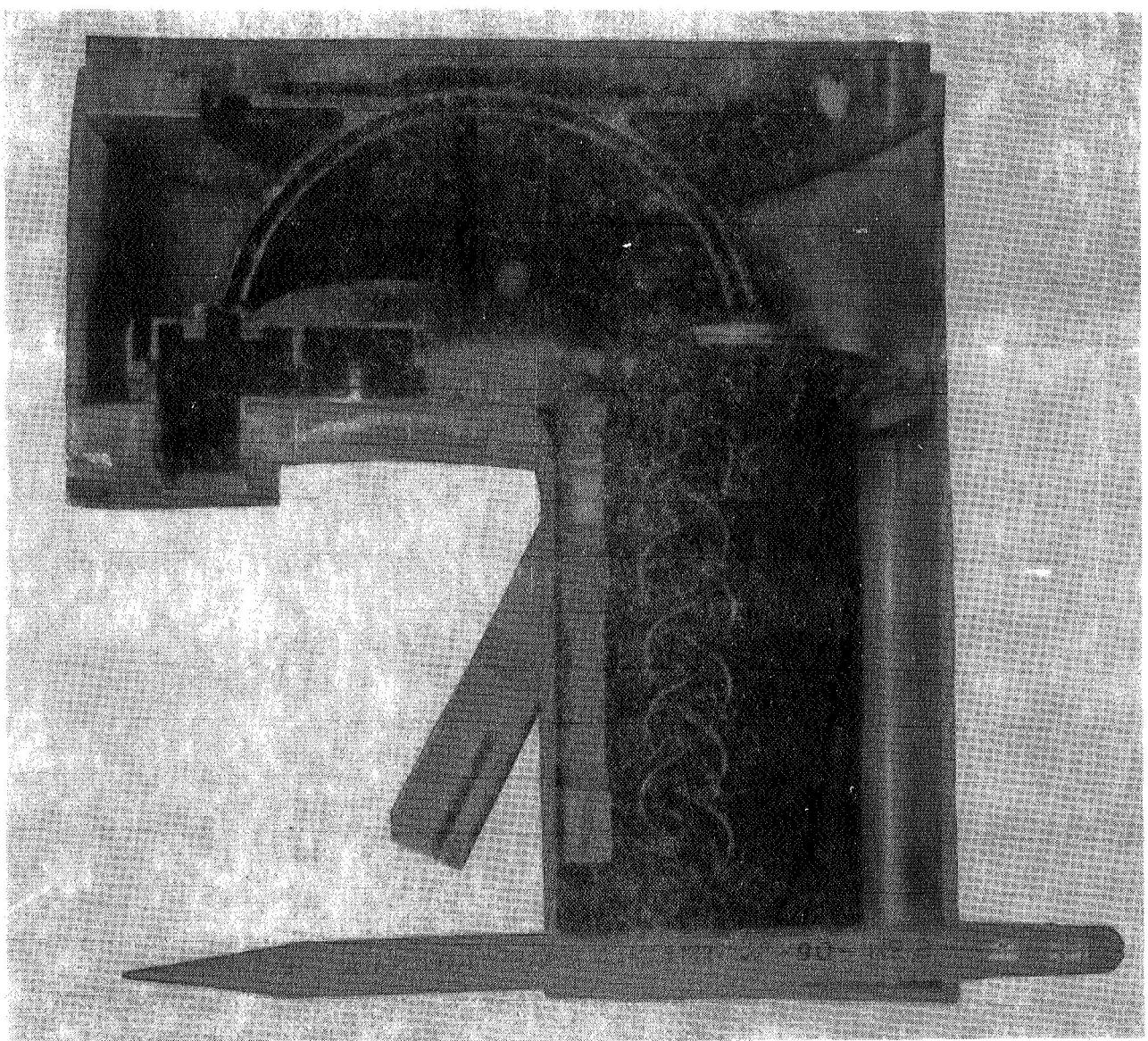


Figure 4. Vela 3 electrostatic analyzer.

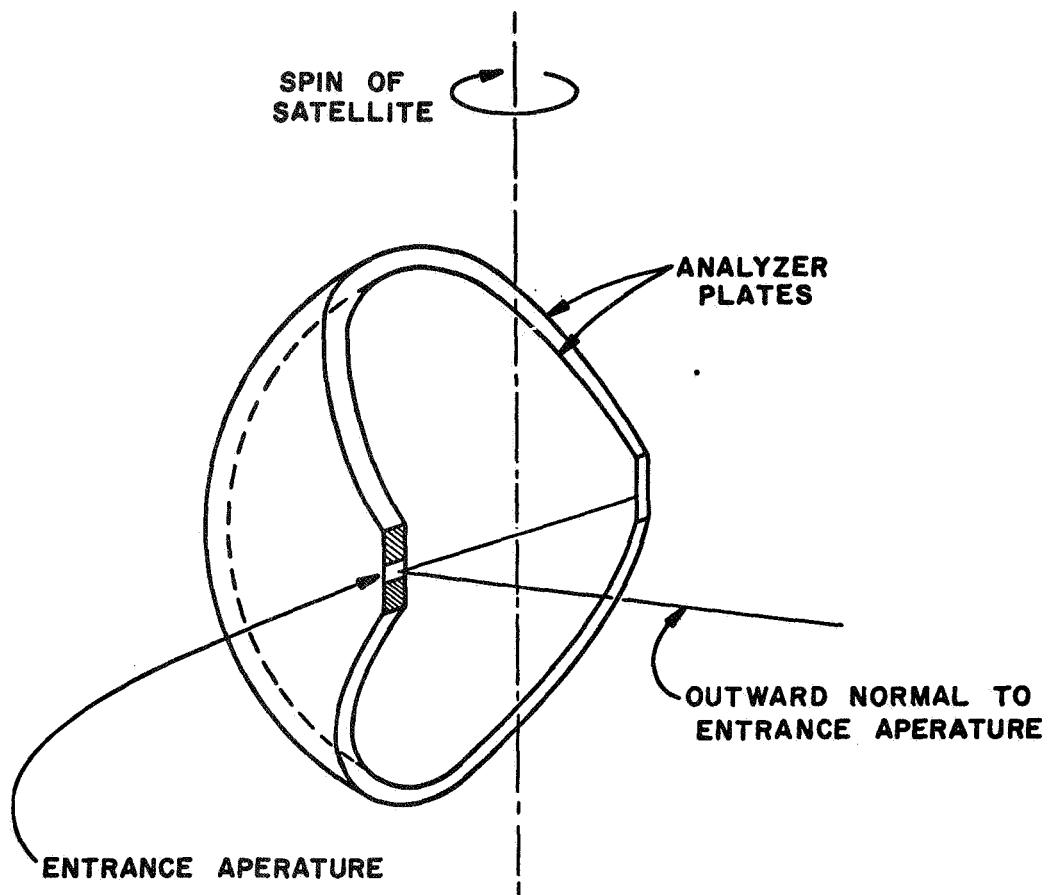


Figure 5. The orientation of the analyzer plates relative to the spin axis of the satellite. In orbit the spin is clockwise when viewed from above the ecliptic plane. (Taken from Hundhausen et al., 1967a.)

plane of the spacecraft. The other three sectors are 110° each lying in the general directions of the dawn, midnight, and dusk meridians. Measurements in each of the 8 angular sectors are made once each second (every other rotation). The counting intervals for the 8 sectors are defined by a sequence of 8 precise time delays that are initiated by a pulse from a sun sensor. For the 5 sectors in the directions toward the sun, the counting interval lasts 8 msec, during which the spacecraft rotates about 6° . Because data in the ϕ direction are obtained as the spacecraft is rotating, the intrinsic response of the detector, as determined by the plate characteristics, represents an average value in the ϕ direction. Since the detector acceptance angle is 100° in the polar coordinate Θ , no information on the distribution in this coordinate is obtained. It is believed, however, that virtually all the ions in the solar wind are included in this interval.

After the data for a given E_i are obtained for all 8 sectors, the voltage on the analyzer plates is stepped to the next preprogrammed level. The analyzer has 64 voltage levels corresponding to energy per charge values ranging from 0.1 to 18 kV. The time required for collection of a complete set of data at 64 energies E_i and 8 azimuthal sectors ϕ_j is 256 seconds. In actual fact, the solar wind positive ions are physically limited in their energies and angular range; and, all the data for a typical distribution are obtained in about 40 seconds.

Whether a particle can pass between the analyzer plates and be counted depends on its energy per charge and the angle of incidence with respect to the aperture's normal (see Appendix A). Assume v_i defines

a particle's velocity corresponding to its energy per charge E_i . Assume the voltage across the plates is set to admit particles with energy per charge E_i and the analyzer is oriented with its aperture normal to the ϕ_j direction. Figure 6 shows the contour of half "efficiency" for a detector as a function of the particle's relative velocity $v - v_i$ and its relative angle of incidence $\phi - \phi_j$ (Figure 6 is from Hundhausen et al. [1967a]). This contour gives the coordinates, in terms of the particle's incident velocity and angle, at which the number of particles that can pass between the plates and be counted are one-half the number that can be counted at (v_i, ϕ_j) . The full width in the v coordinate for this contour is only $0.014 v_i$, or, in energy $0.028 E_i$. The full width at half maximum in the ϕ coordinate is 5° .

III. DATA

The data used in this study were obtained from real-time readouts of the satellites. The real-time mode of data accumulation and readout operated for only about one hour out of four. For that reason there were large gaps in the data. Extended gaps were also introduced when ground stations, for one reason or another, did not interrogate the satellites. Because this study used data for a long period of time, a good sample of average solar wind conditions is obtained. The actual data were taken from the two year period, July 1965 to July 1967. These data had been recorded on magnetic tapes compiled by the Los Alamos Scientific Laboratory (LASL). The tapes contained an identification of the date, universal time, and satellite (3A or 3B) for which counting rate data were recorded. The counting rate data were recorded on the tapes in the

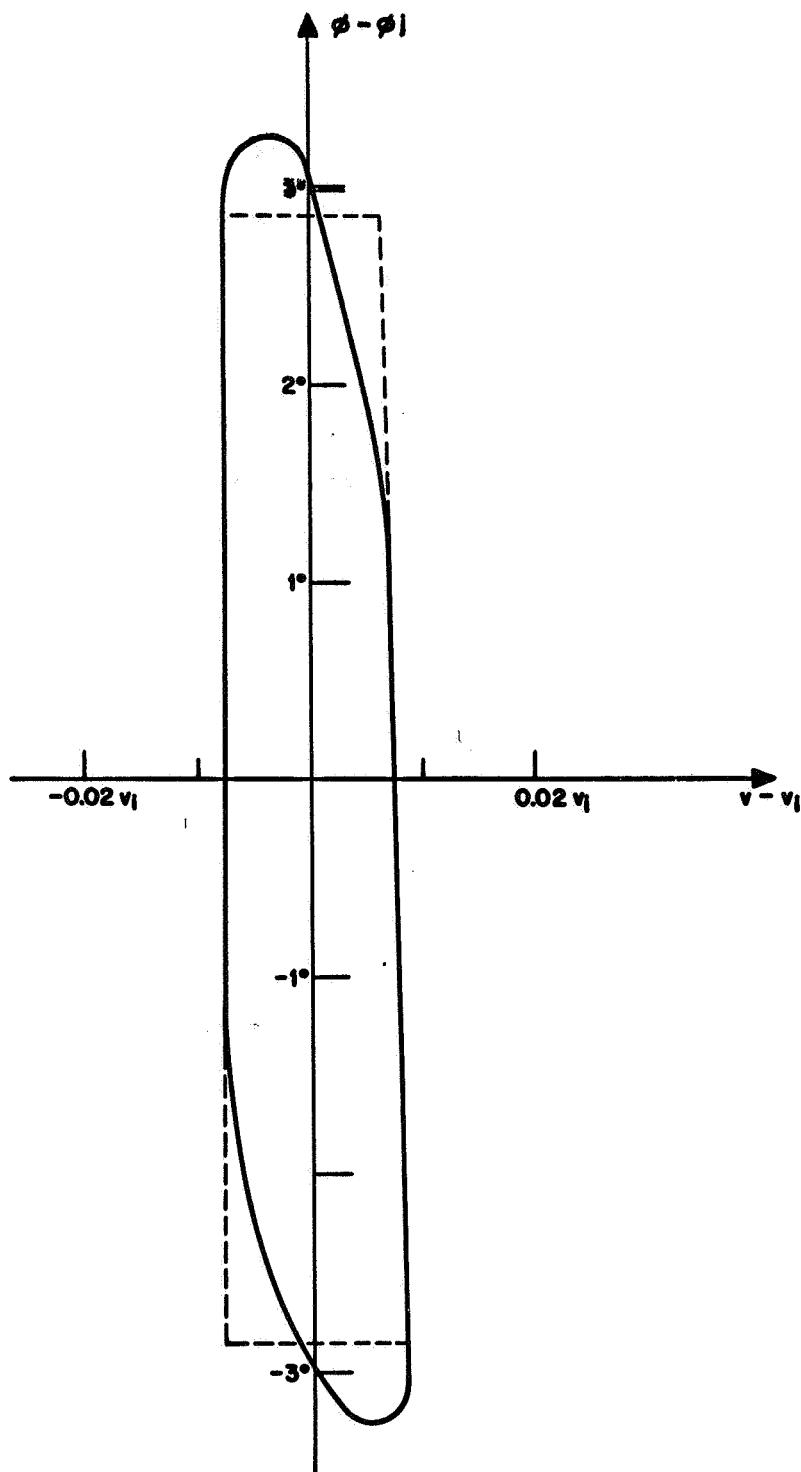


Figure 6. The contour of half efficiency of the detector as a function of the particle's relative velocity $v - v_i$ and its relative angle of incidence.

form of the counts $C(E_i, \phi_j)$ accumulated during the counting period τ in the interval about the central energy E_i and in the azimuthal sector ϕ_j . These data were recorded at each of 8 angles ϕ_j for each of 64 energies E_i . So, the raw data used here represent a counting rate averaged over a time of measurement τ and averaged over a given solid angle in an energy interval specified by the plate voltage. A total of 10,314 separate and complete spectra $C(E_i, \phi_j)$ for all 64 energies and 8 angular sectors were considered acceptable. The criteria for acceptability are discussed in the next chapter.

CHAPTER III

DATA ANALYSIS

This chapter discusses the analysis of the measured data to obtain the helium to hydrogen density ratios, the bulk velocities, and the ion temperatures. A description of correlation studies performed will also be given.

I. COMPUTATION OF ENERGY PER CHARGE SPECTRA

The angular distribution of the solar wind was not considered in this study. Data from the LASL tapes were first integrated by the trapezoidal rule over azimuthal angle to obtain spectra which are only energy dependent:

$$C(E_i) = \int_{-\pi}^{\pi} C(E_i, \phi_j) d\phi_j \quad (1)$$

Because a single spectrum $C(E_i)$ is taken over a period of about 40 seconds and because the average solar wind velocity is on the order of 400 km/sec (see Chapter 4), the spectrum $C(E_i)$ is an average of the conditions in the solar wind over a segment about 16,000 km in length.

II. EDITING OF DATA

The LASL 6600 Control Data Corporation (CDC) computer was used to plot each of approximately 14,000 spectra $C(E_i)$ on 35 mm microfilm.

These plots were individually examined to determine whether the data were acceptable. Acceptable data were defined as spectra outside the influence of the earth's magnetosphere which showed no further signs of perturbation during the time of collection. The LASL tapes had been edited by LASL personnel to remove most of the magnetospheric data; however, there were some spectra which were taken near the magnetospheric boundary that showed signs of being noisy or disturbed by magnetospheric influences. These data were rejected. The recording system of the electrostatic analyzer had one characteristic which made some of the data unacceptable. When the scaler, which records the count rate, is filled all accumulated counts are lost. These spectra are said to have "spills". Most such "spills" had been detected and corrected earlier by LASL personnel. However, a small percentage of the remaining data contained "spills". These were characterized by a peculiarly shaped hydrogen distribution in the $C(E_i)$ spectra. Since the individual spectra were taken over about 40 seconds, the plasma properties sometimes changed during the data collection time [see Hundhausen et al., 1967a]. These spectra usually had double hydrogen peaks and were, therefore, easily identified, in which case they were discarded. Only data for the unperturbed solar wind were used. This editing of the data reduced the total number of spectra from $\sim 14,000$ to the 10,314 mentioned earlier. Most discarded data were those affected by the magnetospheric boundary. The percentage of "spills" was small enough that no appreciable bias was introduced by editing.

III. METHOD FOR CALCULATING HELIUM TO HYDROGEN DENSITY RATIOS

The energy-per-charge spectra $C(E_i)$, obtained by integrating the measured spectra $C(E_i, \phi_j)$ over ϕ_j , always exhibited a large peak that is interpreted as ionized hydrogen, H_+^1 (protons). In addition, the spectra usually contained a second peak appearing at twice the energy per charge of the hydrogen peak. Following Snyder and Neugebauer [1963, 1964], this second peak is interpreted as the contribution from doubly ionized helium-four, He_{++}^4 (alpha particles). That the second peak is He_{++}^4 has been confirmed by Bame et al. [1968a] and Ogilvie et al. [1968]. Bame et al. [1968a] used a pulse height analysis for verification with Vela data. The electron multipliers on the Vela analyzers count individual ions at three levels of sensitivity. Most of the ions are counted at the highest level of sensitivity, while the number counted at the lowest sensitivity level is highly dependent on, and increases with, ion mass and energy. Thus, the ratio of the counts at the lowest sensitivity to the counts at the highest sensitivity level was found to be greater in the helium peak than in the hydrogen peak. Ogilvie et al. [1968] used data from an $E \times B$ detector flown on Explorer 34 to separate solar wind particles both by their mass and charge and thereby unambiguously verified that the particles in the first peak are H_+^1 and the particles in the second peak are He_{++}^4 . Bame et al. [1968a] also identified several other ion species in the Vela 3 solar wind data; however, these ionic densities are quite small compared to He_{++}^4 . For example, they observed O_{+5}^{16} , five, six, and seven times ionized. The O_{+5}^{16} ions were consistently less abundant than O_{+6}^{16} and O_{+7}^{16} ions. The

combined abundance of O^{16} ions when compared to He_{++}^4 was about one per cent. Bame et al. [1968a] also observed He_{++}^3 and He_+^4 with abundances less than 0.1 per cent of He_{++}^4 . Brandt and Hunten [1966] and Cloutier [1966] have concluded that neutral particle densities in the solar wind are extremely small. Their conclusions were based on theoretical studies. The Vela 3 spectra were, therefore, assumed to be composed predominantly of H_+^1 and He_{++}^4 , and that the He_{++}^4 to H_+^1 density ratio, n_{He}/n_H , is essentially equal to the helium to hydrogen abundance ratio.

A typical energy-per-charge spectrum $C(E_i)$ for times when the helium and hydrogen peaks are clearly separated is shown in Figure 7. The shaded circles are the original measured counting rate data. Occasionally the helium content dropped to an extremely low value; and, the ion temperatures became so high that the second distinct peak of helium was not well defined. An example of these spectra is shown in Figure 8. Again the shaded circles are the measured data.

Since this study was concerned with the helium-hydrogen ratio, a method to remove contributions to the helium peak from the tail of the hydrogen distribution was employed. This method was sufficiently straightforward so that it could be applied to the large amount of existing Vela 3 data. The counts accumulated during time τ in the interval about v_i (corresponding to E_i) and in the sector about the azimuthal angle ϕ_j are

$$C(v_i, \phi_j) = \tau dA_m \int_0^\infty r^2 dr \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \cos \theta d\theta \int_{-\pi}^{\pi} f(r, \theta, \phi) r \cos \theta T(v_i, v_r, \phi, \phi_j) d\phi \quad (2)$$

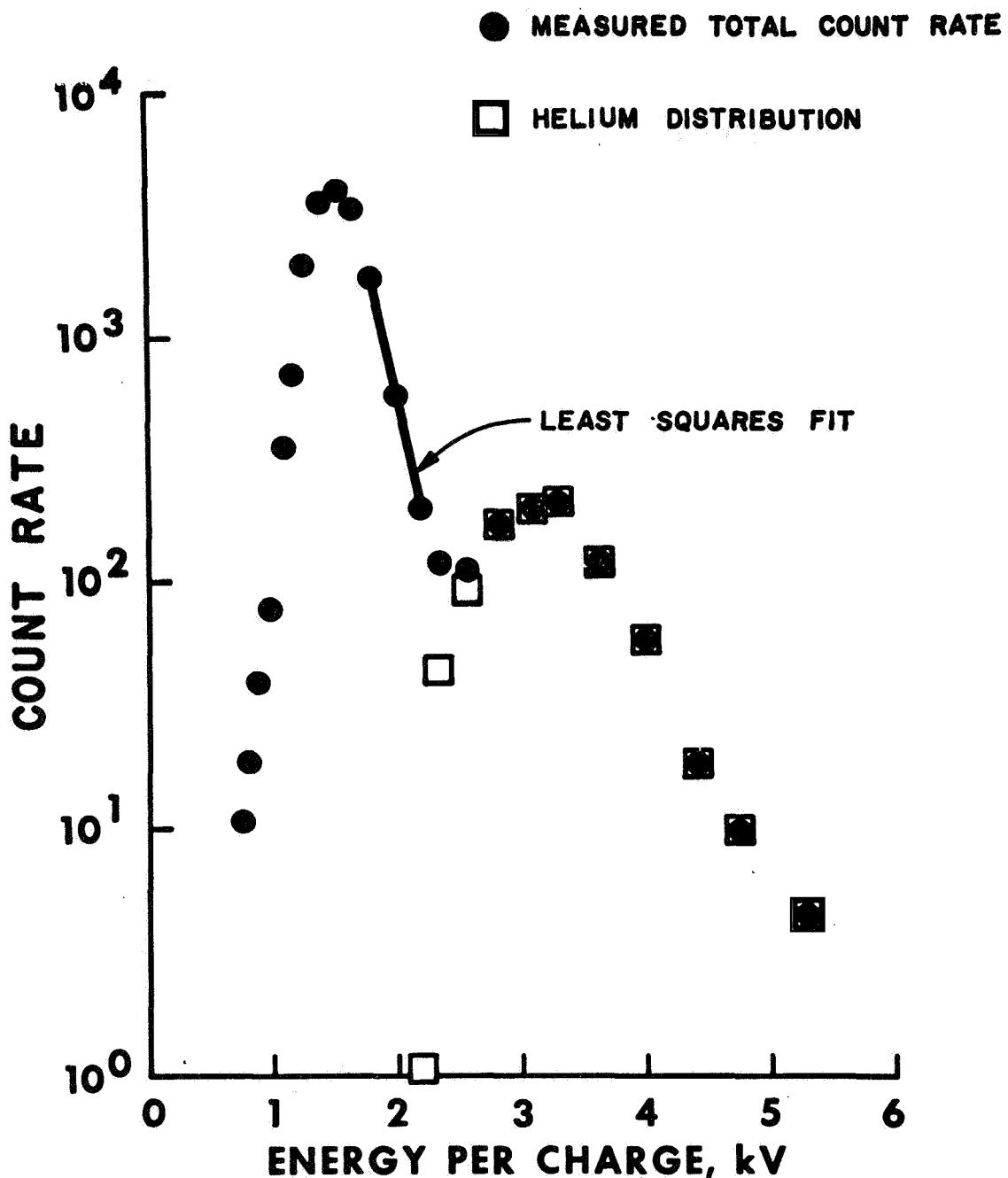


Figure 7. Typical solar wind spectrum from Vela electrostatic analyzers for times when spectrum has both a hydrogen and a helium peak.

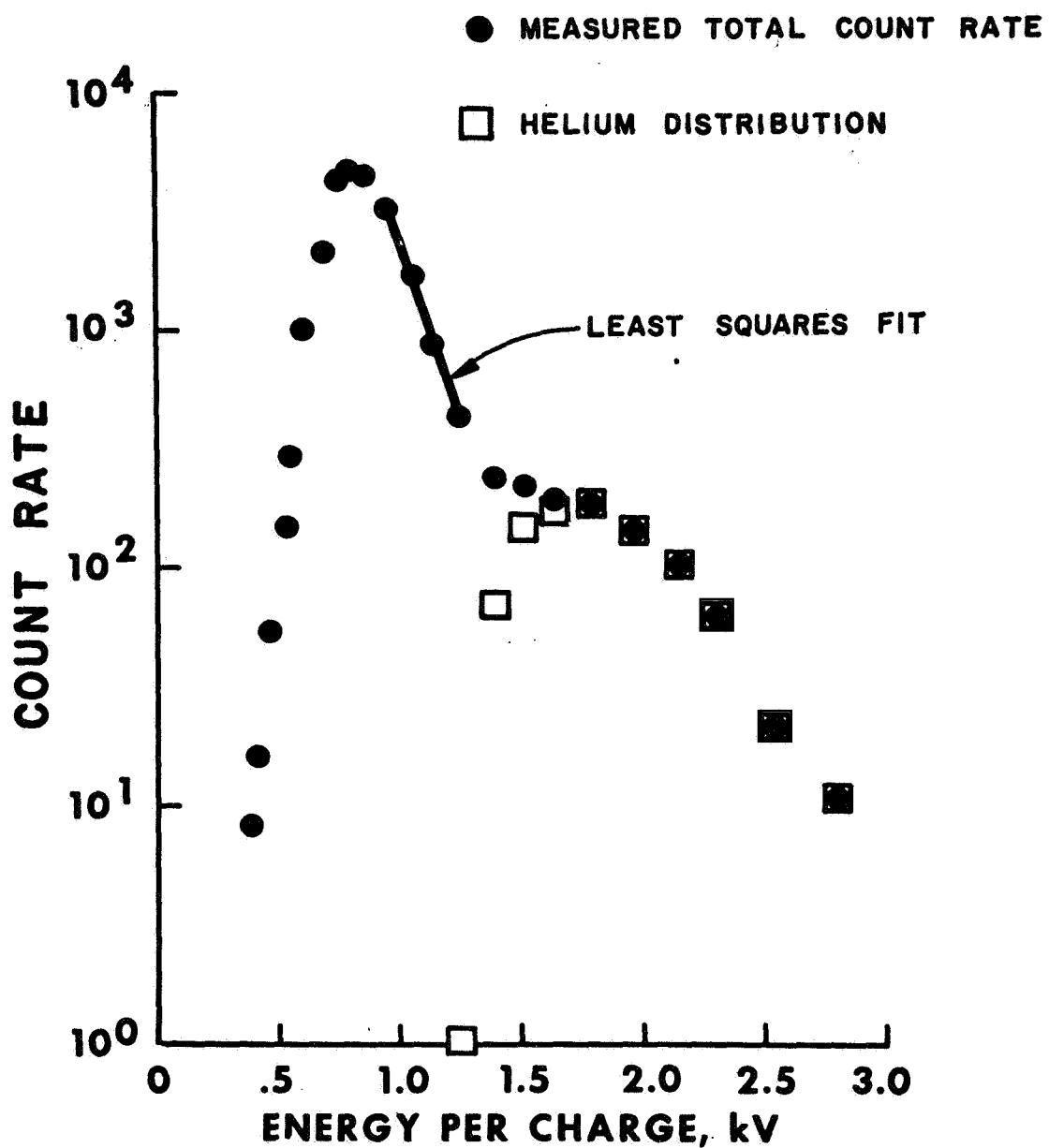


Figure 8. Typical solar wind spectrum from Vela 3 electrostatic analyzers for times when spectrum does not have a well defined helium peak.

where dA is the area of the aperture, m_0 is the efficiency of the electron multiplier, $f(v, \theta, \phi)$ is the particle distribution in phase space, and $T(v, v_i, \phi, \phi_j)$ is the transmission function of the analyzer system.

For the Vela 3 analyzers

$$T(v, v_i, \phi, \phi_j) = \begin{cases} \eta v_i \delta(v - v_i) g(\phi - \phi_j) & ; |\theta| \leq 50^\circ \\ 0 & ; |\theta| > 50^\circ \end{cases} \quad (3)$$

[see Hundhausen et al., 1967a]. Then

$$C(v_i, \phi_j) = T dA m_0 \eta v_i^4 \int_{-50^\circ}^{50^\circ} \cos^2 \theta d\theta \int_{-\pi}^{\pi} f(v_i, \theta, \phi) g(\phi - \phi_j) d\phi \quad (4)$$

A spectral function $F(v_i)$ is defined as

$$F(v_i) \equiv \frac{1}{v_i^3} \int_{-\pi}^{\pi} C(v_i, \phi_j) d\phi_j = \frac{1}{v_i} C(v_i) \quad (5)$$

formed by integrating the energy-angle data over angle. Note that

$$\int_v^\infty v_i^2 F(v_i) dv_i = T dA m_0 \eta \int_v^\infty v_i^2 dv_i \int_{-50^\circ}^{50^\circ} \cos^2 \theta d\theta \int_{-\pi}^{\pi} f(v_i, \theta, \phi) d\phi \int_{-\pi}^{\pi} g(\phi - \phi_j) d\phi_j \quad (6)$$

From Hundhausen et al. [1967a], $g(\phi - \phi_j)$ is given by

$$g(\phi - \phi_j) = \exp \left[-(\phi - \phi_j)^2 / 2 \sigma_{ins}^2 \right] \quad (7)$$

where $\sigma_{ins} = 2.15^\circ$. It can be shown that

$$I(\phi) \equiv \int_{-\pi}^{\pi} g(\phi - \phi_j) d\phi_j = \frac{\sqrt{2}}{2} \sigma_{ins} \left[E_2 \left(\frac{\phi + \pi}{\sqrt{2} \sigma_{ins}} \right) - E_2 \left(\frac{\phi - \pi}{\sqrt{2} \sigma_{ins}} \right) \right] \quad (8)$$

where $E_2(x)$ is the error integral of x . Because σ_{ins} is so small, $I(\phi)$ is equal to $\sqrt{2} \sigma_{ins}$ except within a few degrees of $\pm \pi$. It can further be seen that, since $f(v_i, \theta, \phi)$ is strongly peaked near $\phi = 0^\circ$ (Particles are incident in a small interval about the direction from the sun.) and virtually zero near $\phi = \pi$,

$$\int_{-\pi}^{\pi} f(v_i, \theta, \phi) I(\phi) d\phi \approx \sqrt{2} \sigma_{ins} \int_{-\pi}^{\pi} f(v_i, \theta, \phi) d\phi \quad (9)$$

Also, in the supersonic solar wind, $f(v_i, \theta, \phi)$ is negligible except in some small range θ near a value θ_0 , i.e. the mean thermal velocity is much less than the flow velocity [Hundhausen, 1968]. Thus,

$$\int_{-50^\circ}^{50^\circ} \cos^2 \theta f(v_i; \theta, \phi) d\theta \propto \cos \theta_0 \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \cos \theta f(v_i; \theta, \phi) d\phi \quad (10)$$

and

$$\begin{aligned} \int_0^\infty v_i F(v_i) dv_i &= \tau M_0 \eta \sqrt{2} \sigma_{\text{ins}} \cos \theta_0 \int_0^\infty v_i^2 dv_i \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \cos \theta d\theta \int_{-\pi}^{\pi} f(v_i; \theta, \phi) d\phi \\ &= \tau M_0 \cos \theta_0 G N \end{aligned} \quad (11)$$

where $G = \sqrt{2} \sigma_{\text{ins}} \eta$ $dA = 2.9 \times 10^{-5} \text{ cm}^2 \text{ rad}$ is the "geometric factor" of the detector and

$$N = \int_0^\infty v_i^2 dv_i \int_{-\frac{\pi}{2}}^{\frac{\pi}{2}} \cos \theta d\theta \int_{-\pi}^{\pi} f(v_i; \theta, \phi) d\phi \quad (12)$$

is the particle density. Thus, the density of any ion can be obtained from the spectral function by

$$N = \frac{\int_0^\infty v_i F(v_i) dv_i}{\tau M_0 G \cos \theta_0} \quad (13)$$

Note that the relative density of any two particle species, e.g., alpha particles and protons is

$$\frac{N_\alpha}{N_p} = \frac{m_p}{m_\alpha} \frac{\int_0^\infty v_i F_\alpha(v_i) dv_i}{\int_0^\infty v_i F_p(v_i) dv_i} \quad (14)$$

independent of the detector's geometry factor. Actually the multiplier efficiency depends on the particle's energy (or velocity). Because the physical range of velocities for solar wind particles is very narrow, the multiplier efficiencies for a given ion can be considered a constant. The electron multiplier operates on the same principle as a photomultiplier except that the initial secondary electrons ejected from the first emission plate are produced by the incident ions instead of photons. The secondary electrons are emitted from the surface layer and, therefore, are dependent on the ion's incident energy. The number of electrons ejected depends on the stopping power of the incident ion. The stopping power of an ion of charge ze , mass m , and velocity v incident on a material of charge Ze , excitation potential I , and density N is

$$-\frac{dE}{dx} = \frac{4\pi e^4 z^2 N Z}{mv^2} \left[\ln \frac{zmv^2}{I} - \ln \left(1 - \frac{v^2}{c^2} \right) - \frac{v^2}{c^2} \right] \quad (15)$$

For solar wind particles $v \ll c$ so that

$$-\frac{dE}{dx} \approx \frac{4\pi e^2 z^2 N Z}{mr^2} \ln \frac{2mr^2}{I} \quad (16)$$

Since solar wind alpha particles have, on the average, twice the energy per charge of the protons, their energies are, on the average, about four times those of the protons. Thus for particles in a solar wind spectrum

$$\frac{\left(\frac{dE}{dx}\right)_\alpha}{\left(\frac{dE}{dx}\right)_p} \approx \ln 4 = 1.385 \quad (17)$$

So, the multiplier efficiency for alphas should be slightly higher than for protons in a typical solar wind spectrum. Laboratory calibrations performed on the Vela 3 electron multipliers showed them to be approximately 90% efficient when counting protons. For these reasons, the alpha efficiency was expected to be between 90% and 100%. The efficiencies of the electron multiplier were assumed to be equal for both alphas and protons. This assumption introduced a possible error of as much as 10% in the density ratio determinations.

The spectral function $F(v_i)$, defined in Equation (5) was assumed to be normal. This assumption was not strictly true; a small amount of

skewness was observed in most spectra [see Hundhausen et al. 1967a].

For $F(v_i)$ normal, one can write an expression for a continuous distribution of counts $C(E)$:

$$\begin{aligned} C(E) &= C_0 v^3 \exp \left[-\frac{m}{2kT} (v - \bar{v})^2 \right] \\ &= C_0 v^3 \exp \left[-\frac{mv^2}{2kT} + \frac{mv\bar{v}}{kT} - \frac{m\bar{v}^2}{2kT} \right] \end{aligned} \quad (18)$$

where v is the mean value of the velocity. The distributions $F(v_i)$ were extremely narrow and peaked about v_i ; hence, the first order approximation could be made where terms in v to first order become v but higher order terms were retained. Then $C(E)$ reduces to

$$C(E) = C_0 v^3 \exp \left[-\frac{1}{kT} \left(\frac{mv^2}{2} - \frac{m\bar{v}^2}{2} \right) \right] \quad (19)$$

Defining E and \bar{E} as $\frac{mv^2}{2}$ and $\frac{m\bar{v}^2}{2}$, respectively, $C(E)$ becomes

$$C(E) = C_0 v^3 \exp \left[-\frac{1}{kT} (E - \bar{E}) \right] \quad (20)$$

Taking the logarithm, we obtain

$$\ln C(E) = \ln C_0 + 3 \ln v - \frac{E}{kT} + \frac{\bar{E}}{kT} \quad (21)$$

Again, using the fact that $F(v_i)$ was a narrow distribution, one can see that $\ln v$ is almost constant over the range of hydrogen velocities.

Equation (21) can, thus, be written

$$\ln C(E) = -AE + B \quad (22)$$

where A and B are constants.

Equation (22) was used to make a least squares fit to the measured spectra $C(E_i)$ for data beginning with the second data point past the hydrogen peak and ending with the data point where the counting rate was greater than or equal to one half the helium peak counting rate. The latter energy was chosen because there was very little helium contribution to the total counting rate for energies less than this value. When the helium peak was not well defined, as shown in Figure 8, page 24, the fit was made with counting rate data $C(E_i)$ from the second data point past the hydrogen peak to the data point whose energy per charge was greater than or equal to $1.6 E_{\max}$ where E_{\max} is the peak of the hydrogen distribution. The straight lines shown in Figures 7, page 23, and 8, page 24, show the range over which the fits are made for those

spectra. The equation obtained in a fit to the observed data was then extrapolated to higher energies to obtain the corrected hydrogen distribution. The values of the counting rate obtained from the fitted line were then subtracted from the total measured counting rates $C(E_i)$ to obtain the helium distribution. The open squares in Figures 7, page 23, and 8, page 24, show the resulting helium distributions. The corrected hydrogen and helium distributions were then integrated over energy to obtain relative helium and hydrogen densities. The integrations were performed by using the trapezoidal rule. Helium to hydrogen density ratios n_{He}/n_H were obtained from these densities.

An attempt was made to set an upper limit for the helium-hydrogen ratio. For those spectra where both the helium and hydrogen peaks were well defined, a break at the minimum between the two peaks was made. All the counts less than the energy corresponding to this break point were taken to be hydrogen and all the counts in the spectrum above this energy were taken to be helium. This method overestimated the helium content and underestimated the hydrogen content because the total counting rate at energies higher than the break point contained some hydrogen as well as helium. In computing a maximum value of n_{He}/n_H for spectra where the helium peak was not well defined, it was assumed that the helium distribution existed with its peak at twice the energy per charge of the helium peak. The helium content was taken to be twice the density obtained by integrating over energy above the energy corresponding to the helium peak. Again, this produced a maximum value of n_{He}/n_H because the spectra contained hydrogen with energies above the assumed helium peak.

IV. METHODS FOR CALCULATING BULK
VELOCITIES AND TEMPERATURES

The spectral function $F(v_i)$ has also been used to compute the mean flow velocity \bar{v} and the temperature of the plasma T :

$$\bar{v} = \frac{\int_0^\infty v_i^2 F(v_i) dv_i}{\int_0^\infty v_i F(v_i) dv_i} \quad (23)$$

$$\begin{aligned} T &= \frac{m}{k} \overline{(v - \bar{v})^2} \\ &= \frac{m}{k} \left[\frac{\int_0^\infty v_i F(v_i) v_i^2 dv_i}{\int_0^\infty v_i F(v_i) dv_i} + \bar{v}^2 \right] \end{aligned} \quad (24)$$

The latter gives a true temperature for an isotropic distribution or for an anisotropic distribution aligned with the flow direction. For an anisotropic distribution with a random orientation, it gives a temperature "projected" on the flow direction. Direct comparison of temperatures computed in this paper with those derived by the two-dimensional analysis described in Hundhausen et al. [1967a] reveals differences of between 20 and 30%. Exceptions to this were found at times when the anisotropy was extreme or the temperature was near 10^4 °K. However, the one-dimensional values in this paper are sufficiently accurate for a comparison of the helium and hydrogen temperatures. The distributions

of hydrogen temperatures obtained by this method and those of Strong et al. [1967] from Vela 2 data, for example, are very similar.

Results of the calculations described above for the 10,314 spectra are given in Appendix C. Included are the seven parameters: (1) best estimate values of $n_{\text{He}}/n_{\text{H}}$, (2) upper limit values for $n_{\text{He}}/n_{\text{H}}$, (3) hydrogen densities, (4) hydrogen bulk velocities, (5) hydrogen temperatures, (6) helium bulk velocities, and (7) helium temperatures. Averages and standard deviations over the two year period have been computed. The time average of one of these parameters f is given by

$$\langle f \rangle = \frac{\int_{t_1}^{t_2} f(t) dt}{\int_{t_1}^{t_2} dt}$$

Continuous data for each of the solar wind parameters were not available because of the gaps in monitoring data from the satellites. To compute the average of the parameters over the two years of observations, the two years were divided into equal time intervals τ_i . Within each interval τ_i , different numbers of measurements of the parameters had been made, i.e. there were n_1 measurements made in the first time interval, n_2 in the next, etc. The averages over each time interval were computed as

$$f_i = \frac{\sum_{j=1}^{n_i} f_j}{n_i}$$

Then the averages $\langle f \rangle$ over the two years were computed as

$$\langle f \rangle = \frac{\sum_i f_i}{\sum_i 1}$$

using time intervals T_i of (1) solar rotations (27 days), (2) coronal replenishment (10 days), (3) one day, and (4) individual measurements (256 seconds). The standard deviations obtained are not estimates of the error in calculation, but show the variation of the physical parameters.

One may now ask whether the average of the solar wind helium to hydrogen density ratio obtained at 1 A.U. can be equated to the ratio in the solar surface. A better estimate of the solar surface ratio can be obtained from the ratio of the total amount of helium released into the solar wind in the two years to the total amount of hydrogen released into the solar wind in the same period. Let N_H be the total amount of hydrogen released from the sun in a period of time T . An estimate of N_H can be obtained from

$$N_H = \langle n_H \bar{v}_H \rangle 4\pi (1 \text{ A.U.})^2 T$$

where $\langle n_H \bar{v}_H \rangle$ is the average hydrogen flux at 1 A.U. over the period T , and $4\pi(1 \text{ A.U.})^2$ is the surface area at 1 A.U. The hydrogen flux can be computed from the product of the number density n_H and bulk velocity \bar{v}_H . Similarly the total amount of helium released into the solar wind in the period T , denoted by N_{He} , can be computed. The helium flux is

the product of the helium-hydrogen ratio $n_{\text{He}}/n_{\text{H}}$, hydrogen density n_{H} , and the bulk helium velocity \bar{v}_{He} :

$$n_{\text{He}} \bar{v}_{\text{He}} = \left(\frac{n_{\text{He}}}{n_{\text{H}}} \right) n_{\text{H}} \bar{v}_{\text{He}}$$

Then, the ratio of the total amount of helium to the total amount of hydrogen released into the solar wind in a period T is

$$\frac{N_{\text{He}}}{N_{\text{H}}} = \frac{\langle n_{\text{He}} \bar{v}_{\text{He}} \rangle}{\langle n_{\text{H}} \bar{v}_{\text{H}} \rangle} = \frac{\sum_i \left(\frac{n_{\text{He}}}{n_{\text{H}}} \right)_i (n_{\text{H}})_i (\bar{v}_{\text{He}})_i}{\sum_i (n_{\text{H}})_i (\bar{v}_{\text{H}})_i}$$

To equate this quantity to the solar surface helium-hydrogen ratio requires the assumption that the sun releases hydrogen and helium into the solar wind with the same ratio that they exist on the surface. The validity of this assumption will be discussed in detail in a later chapter. $N_{\text{He}}/N_{\text{H}}$ was computed for the two year period of observation.

V. CORRELATION STUDIES

Linear correlation studies have been performed between the pairs of different parameters; and, the results are given as correlation coefficients.

Variations in the helium to hydrogen density ratio were studied with particular attention to a possible relationship with solar activity. For example, averages of $n_{\text{He}}/n_{\text{H}}$ over solar rotation periods (27 days) and periods of coronal replenishment (~ 10 days) were computed. Correlations to sunspot number and 10.7 cm solar radio frequency flux were

made. Occasional large jumps in the helium-hydrogen ratio have been related to solar flare disturbances in the solar wind, i.e. sudden commencements of geomagnetic storms and Forbush decreases. Finally, correlations of $n_{\text{He}}/n_{\text{H}}$ with the K_p geomagnetic index have also been made. A discussion on Forbush decreases, sudden commencements, and the K_p index are given in Appendix B.

CHAPTER IV

RESULTS OF EXPERIMENTS AND ANALYSES

This chapter gives the detailed results of the experiments and analyses. Table II gives the long term averages and standard deviations for the solar wind parameters (a) best estimate of n_{He}/n_H , (b) upper limit estimate of n_{He}/n_H , (c) hydrogen density, (d) hydrogen velocity, and (e) hydrogen temperature. The two year averages are computed from averages over periods of (a) 27 days, (b) 10 days, (c) 1 day, and (d) individual measurements. One can see from Table II that the period over which the averages for the long term average is computed is immaterial.

I. HYDROGEN PLASMA PROPERTIES

The properties of solar wind hydrogen measured here were similar to those observed in other studies, indicating that the period of this study was in no way atypical.

The distribution obtained for the individual values of the hydrogen densities is shown in Figure 9. Individual values ranged between 0.08 and 40.3 protons/cm³. The average density was about 5.8 protons/cm³. This average as well as the range compare well with those reported from Mariner 2 by Neugebauer and Snyder [1966a,b] who observed densities between 0.08 and 88 protons/cm³ with an average of 5.4 protons/cm³. Similar ranges and averages in the hydrogen densities have been reported by Wolfe et al. [1966b], Coon [1966], Lazarus et al. [1966], Gringauz et al. [1966], and Pai et al. [1967].

The distribution for the individual values of the observed hydrogen bulk velocities is shown in Figure 10. Individual values ranged

TABLE II

TWO YEAR AVERAGES OF SOLAR WIND PARAMETERS

	Averaged Over Periods of			
	27 days	10 days	1 day	individual measurements
$n_{\text{He}}/n_{\text{H}}$	0.039 ± 0.009	0.037 ± 0.016	0.037 ± 0.023	0.037 ± 0.026
Max $n_{\text{He}}/n_{\text{H}}$	0.040 ± 0.010	0.039 ± 0.016	0.039 ± 0.024	0.038 ± 0.027
H Density (protons/cm ³)	5.7 ± 0.9	5.7 ± 1.4	5.8 ± 3.0	6.0 ± 3.6
H Velocity (km/sec)	399 ± 28	399 ± 48	399 ± 78	396 ± 73
H Temperature (°K)	$(9.9 \pm 2.9) \times 10^4$	$(9.8 \pm 3.8) \times 10^4$	$(9.7 \pm 7.3) \times 10^4$	$(9.3 \pm 7.6) \times 10^4$

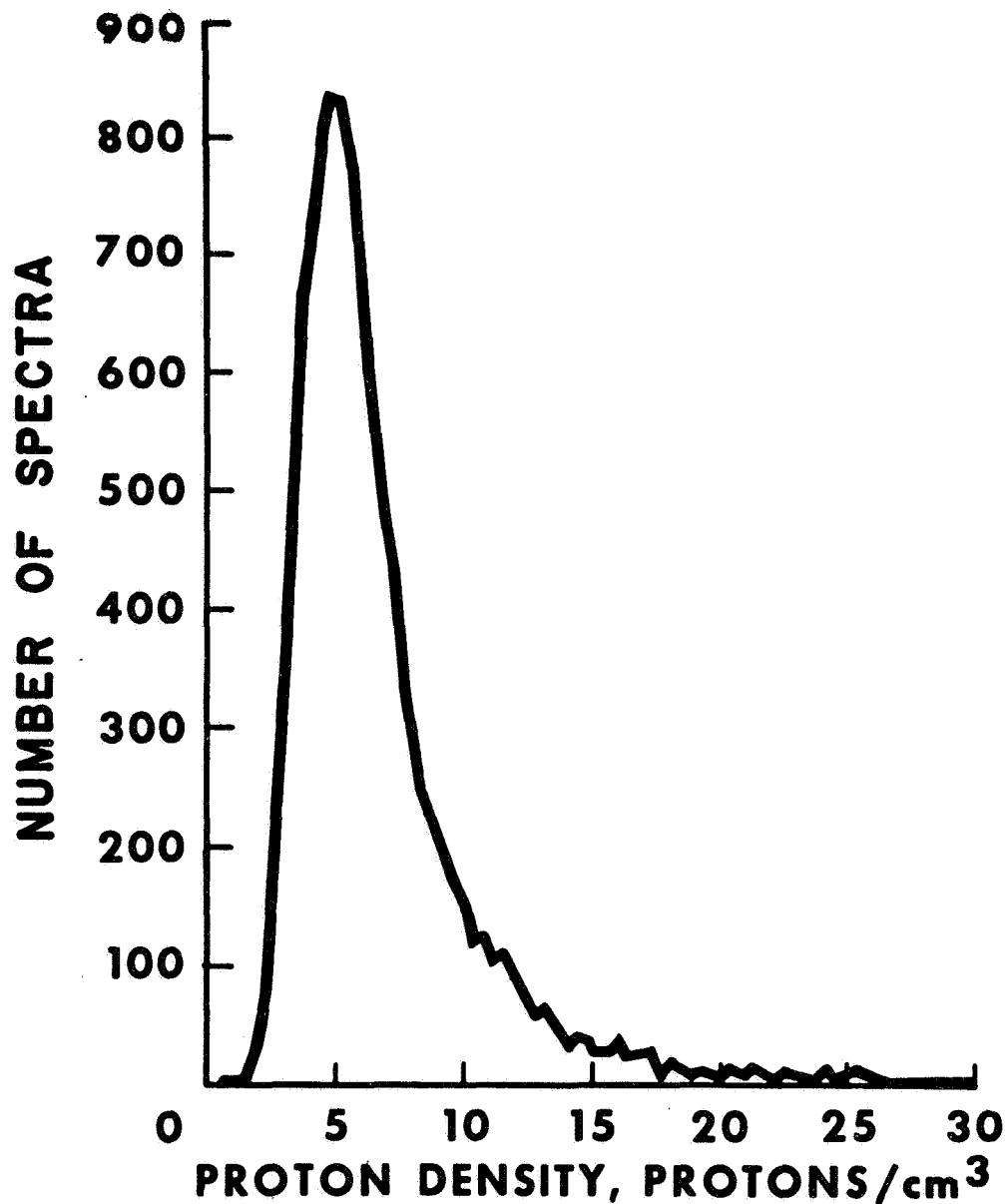


Figure 9. Distribution of solar wind proton densities from Vela 3 data taken between July, 1965 and July, 1967.

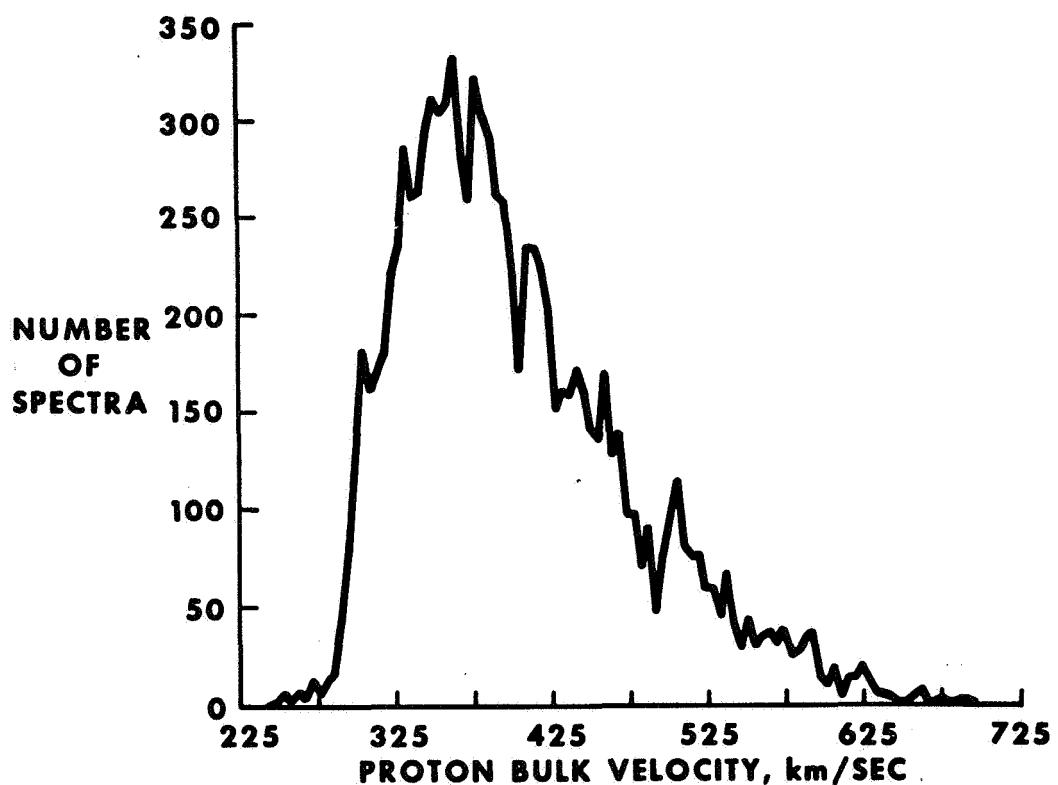


Figure 10. Distribution of solar wind proton bulk velocities taken from Vela 3 data between July, 1965 and July, 1967.

from 238 to 692 km/sec. The average hydrogen velocity was about 399 km/sec. Neugebauer and Snyder [1966a,b] reported bulk velocities of hydrogen from Mariner 2 ranging from 300 to 800 km/sec with a daily average of 504 km/sec. Lyon [1966] using IMP 1 data from the MIT plasma cup obtained velocities between 200 and 675 km/sec with an average of 360 km/sec. Wolfe et al. [1966b] obtained velocities ranging from 300 to 700 km/sec with an average of 378 km/sec from IMP 1 electrostatic analyzer data. Hundhausen et al. [1967b] observed velocities from solar wind hydrogen ranging from 280 to 750 km/sec using Vela 2 electrostatic analyzer data.

The individual values of the hydrogen temperature, as computed, are distributed as shown in Figure 11. The range of individual proton temperatures was from 1.0×10^4 °K to 3.1×10^6 °K. The average was about 9.7×10^4 °K. Neugebauer and Snyder [1966a,b] obtained a minimum 3 hour average of 3×10^4 °K for the proton temperatures in the solar wind. Their individual values were as high as 9.1×10^5 °K. Their average of the daily averages was between 1.51×10^5 °K and 1.85×10^5 °K. Strong et al. [1966] reported Vela 2 proton temperatures below 10^4 °K. Coon [1968] obtained an average of 1.4×10^5 °K with a most probable value of 4.8×10^4 °K using Vela 2 data.

II. HELIUM PLASMA PROPERTIES

Individual values of the helium to hydrogen density ratios obtained ranged between 8.1×10^{-4} and 0.417. The distribution of the individual values obtained for the best estimate of n_{He}/n_H is shown in Figure 12. The average was about 0.037. The average of the upper limit

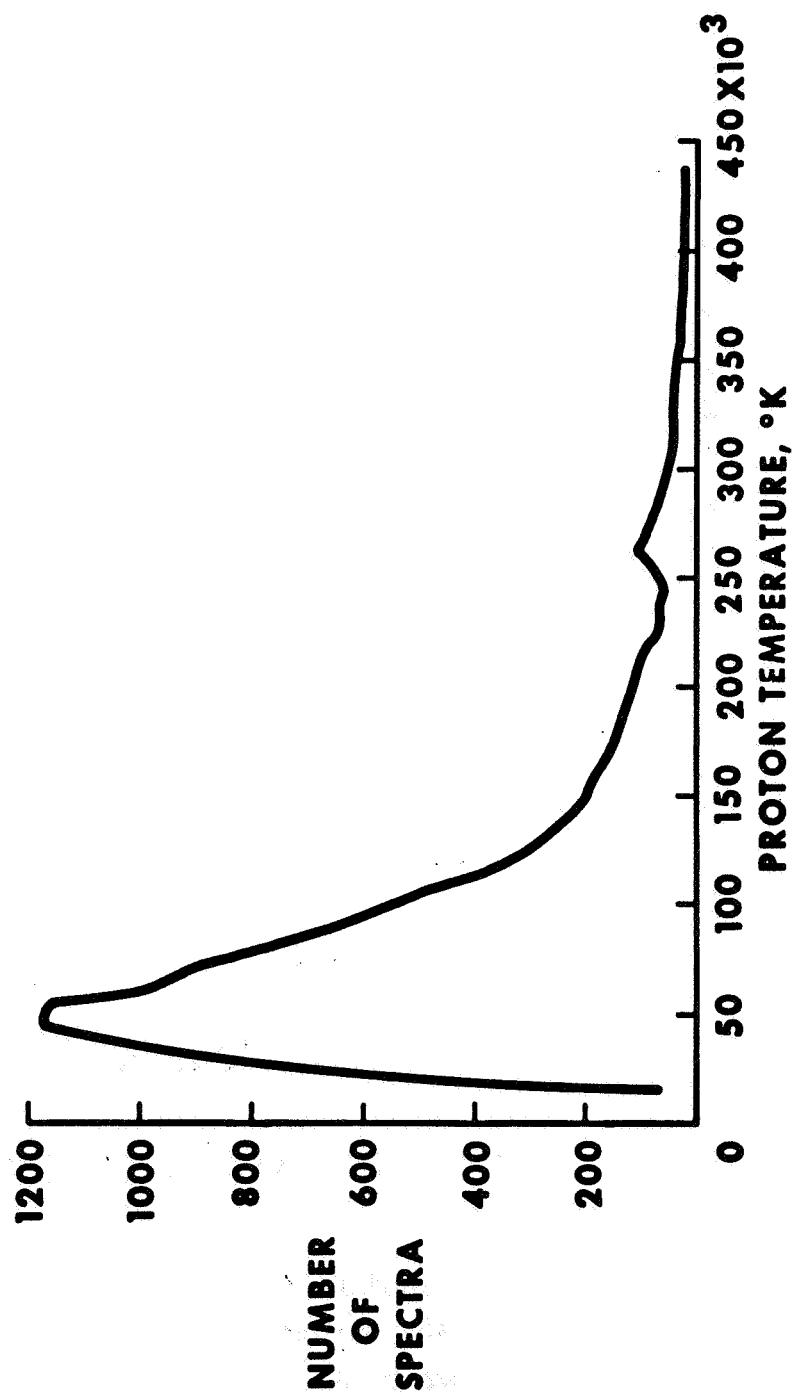


Figure 11. Distribution of solar wind proton temperatures from Vela 3 data taken between July, 1965 and July, 1967.

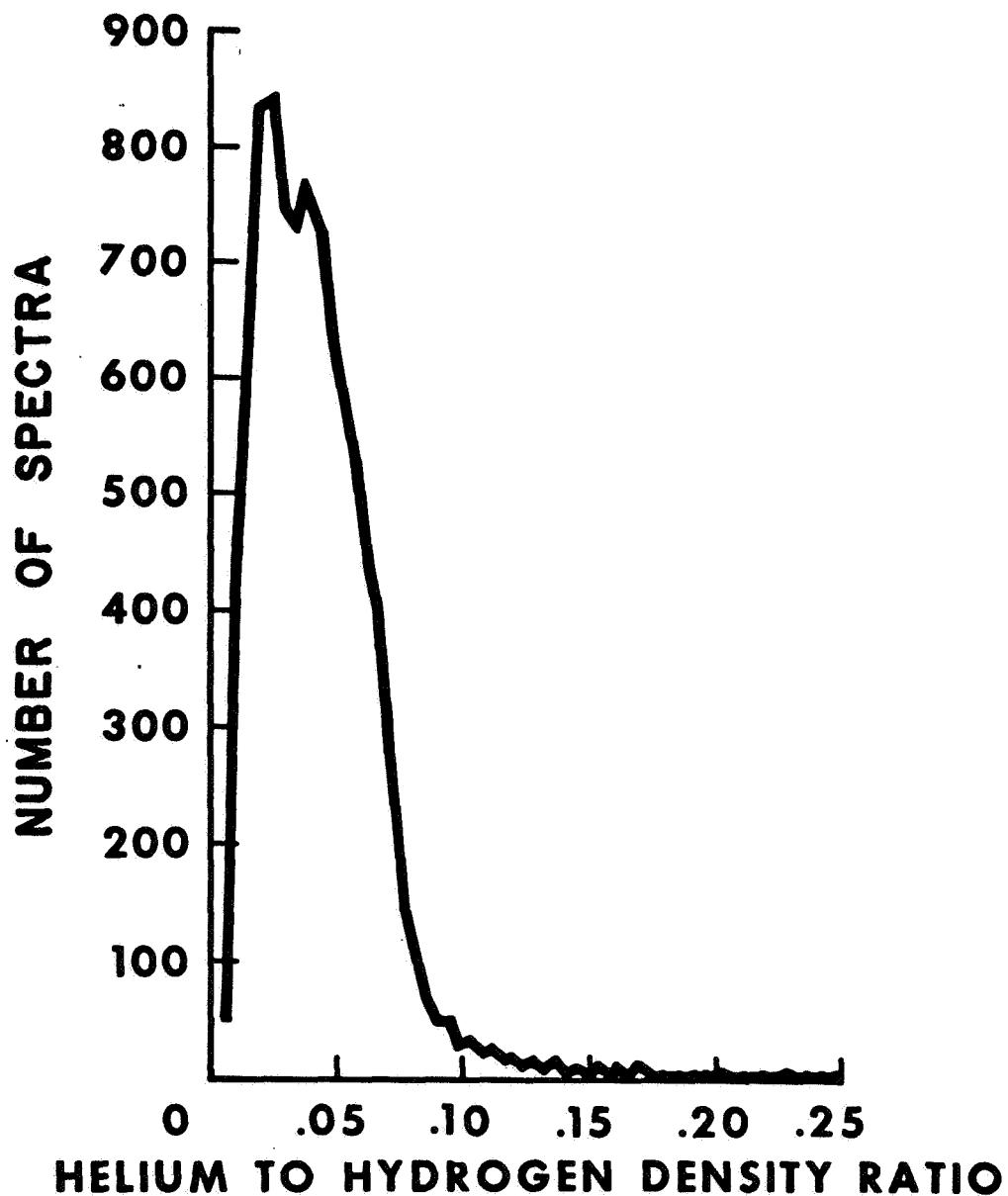


Figure 12. Distribution of solar wind helium to hydrogen density ratios taken from Vela 3 data between July, 1965 and July, 1967.

estimate of n_{He}/n_H was about 0.039. A conservative estimate of the error in computing the helium to hydrogen ratio is 25%. Most of this error enters from statistical errors resulting from low counting rates. The similarities between the averages and standard deviations computed for the upper limit estimate of n_{He}/n_H and the best estimate of n_{He}/n_H indicate that errors introduced in separating the helium contribution from the hydrogen were small.

N_{He}/N_H , the estimate of the total amount of helium released from the sun into the solar wind during the two years of observation to the total amount of hydrogen released in the same period was found to be 0.037, exactly the same as the average of the ratio.

The cumulative distribution for the helium to hydrogen density ratio is given in Figure 13. Note that only 2% of the spectra had ratios greater than 0.10, and 5% had ratios less than 0.01. The periods when n_{He}/n_H was greater than 0.1 usually lasted on the order of a few minutes to a few hours and did not contribute heavily to the long term average.

The average value of n_{He}/n_H over solar rotations beginning with solar rotation number 1496 and ending with number 1522 is plotted in Figure 14. Note that the average ratios for these 27 day periods ranged from about 0.02 to about 0.065. Large variations were observed from one solar rotation to the next. The number of spectra used to compute each 27 day average is shown on the figure. Most used several hundred spectra. Also plotted are monthly averages of the smoothed Zurich sunspot number. The sunspot number measures the number of sunspots visible

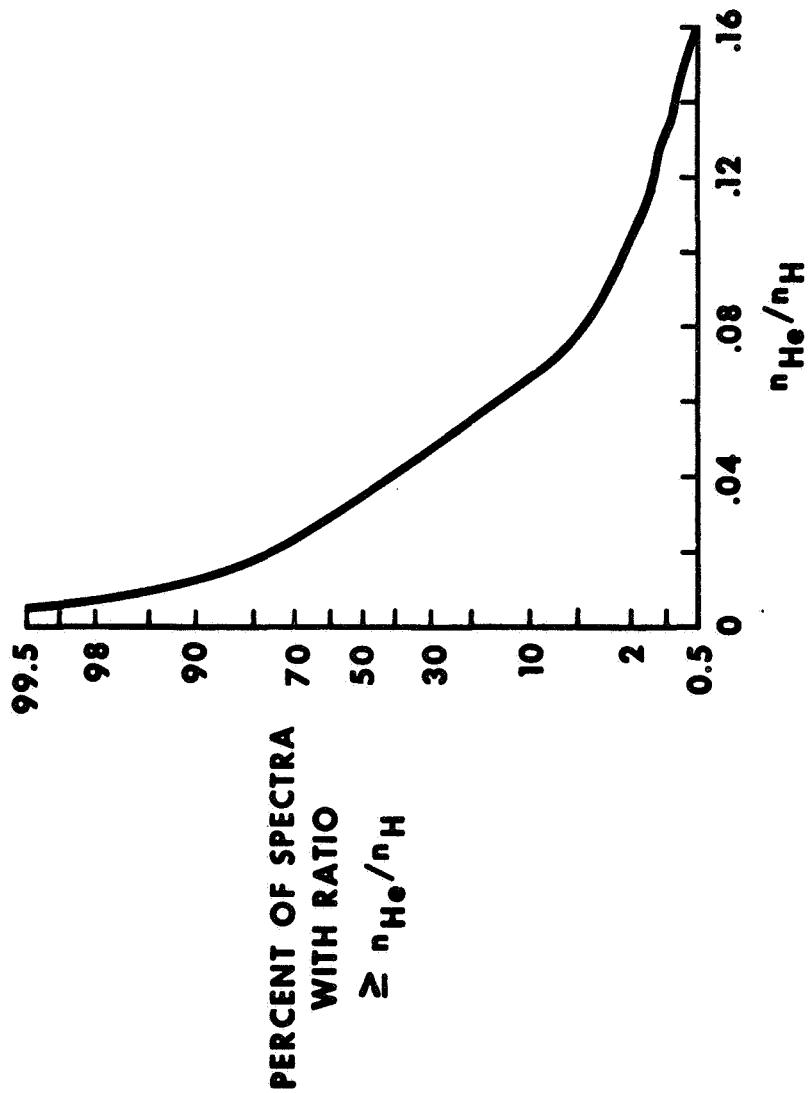


Figure 13. Cumulative distribution of helium to hydrogen density ratio showing percent of spectra with ratios greater than or equal to $n_{\text{He}}/n_{\text{H}}$ for Vela 3 data taken between July, 1965 and July, 1967.

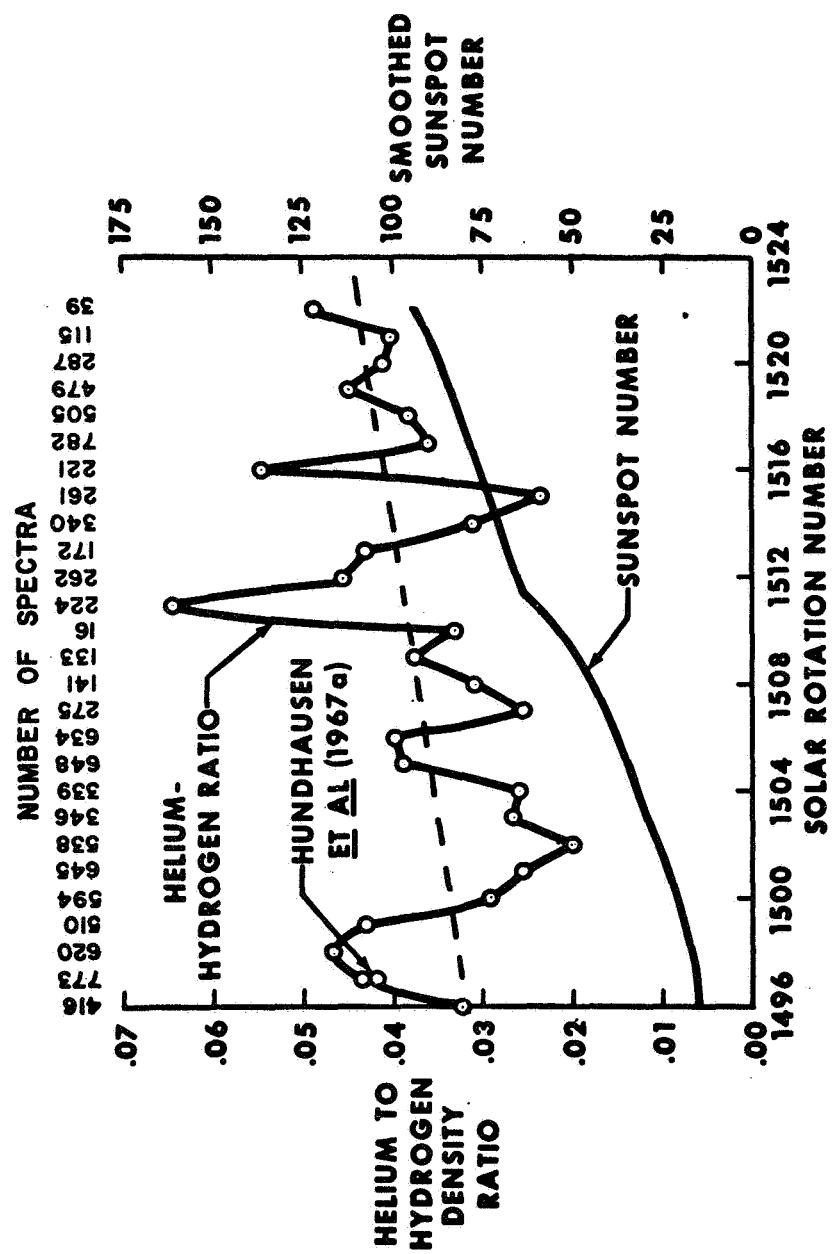


Figure 14. Time variation of helium to hydrogen density ratio and sunspot number averaged over solar rotations.

on the solar disk and is the quantitative index of the solar cycle. One observes a gradual increase in sunspot number over the rise in solar cycle. A least squares fit to the 27 day averages of $n_{\text{He}}/n_{\text{H}}$ is indicated by a dashed line. The gradual rise in the fit of the helium-hydrogen ratios suggests a possible dependence of $n_{\text{He}}/n_{\text{H}}$ on the solar cycle.

Brandt [1966] suggested that the solar corona is replenished in a period of one to two weeks. Averages over 10 day periods (taken to represent coronal replenishment time) are shown in Figure 15 as a thin line. Averages over 27 day periods are superimposed on the figure as bold lines for comparison with the fine structure variations in the 10 day periods. Note that the 10 day periods have much larger variations from one period to the next suggesting the composition of that part of the corona giving rise to the solar wind undergoes substantial variations. Because of the gaps in the Vela data, averages over smaller periods may include sampling effects.

A comparison of the helium and hydrogen velocities was made from the observed spectra. The distribution for the ratio $\bar{v}_{\text{He}}/\bar{v}_{\text{H}}$ is shown in Figure 16. The average of $\bar{v}_{\text{He}}/\bar{v}_{\text{H}}$ was found to be 1.02 and the full width at half maximum was 0.03. Thus, the observed velocities were always almost equal. The variations from unity obtained were within the errors in calculating the separate velocities. Note that equal bulk velocities for hydrogen and helium indicate the average energy per helium ion is four times the average energy per hydrogen ion, i.e.

$$E_{\text{He}} \approx 4 E_{\text{H}}$$

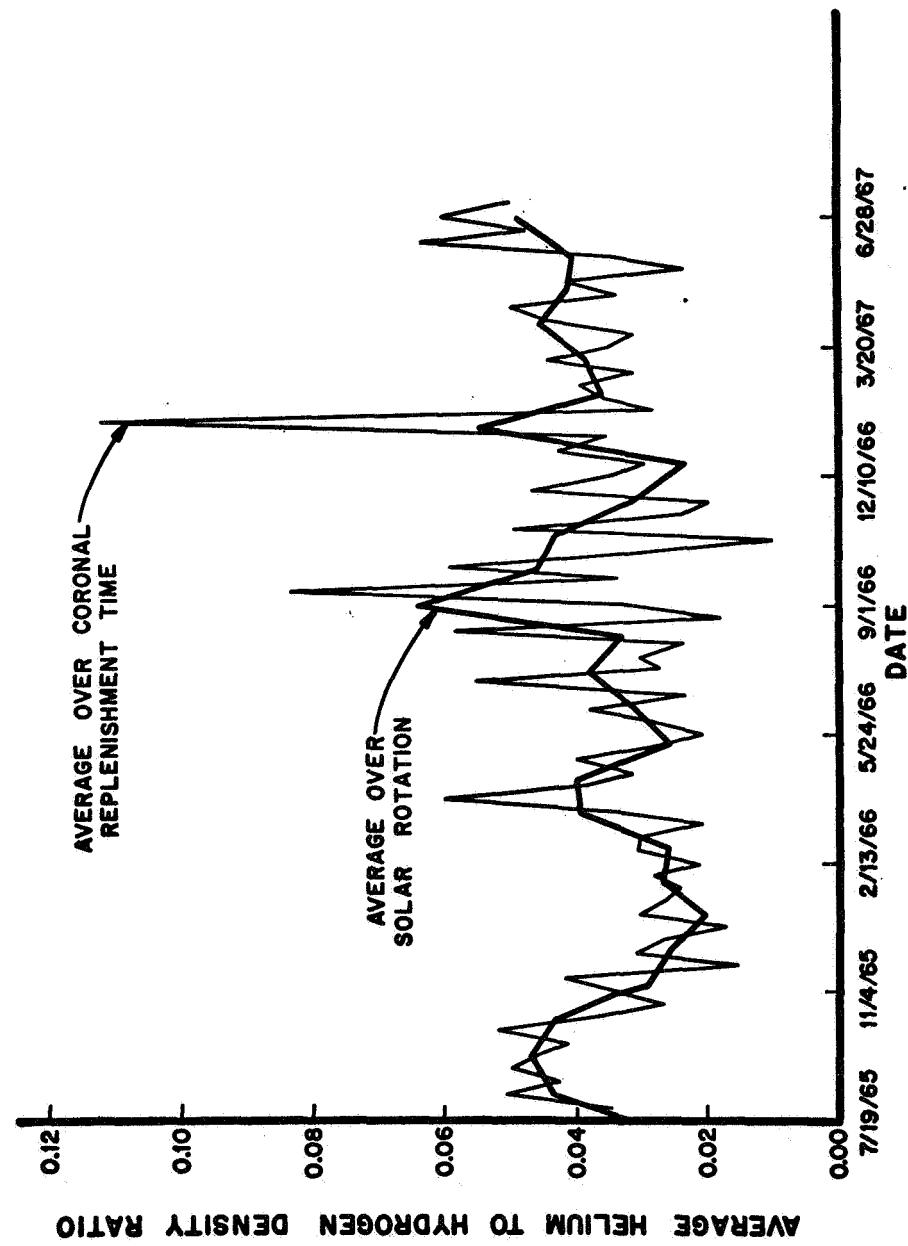


Figure 15. Time variation of helium to hydrogen density ratio averaged over coronal replenishment time (10 days) and solar rotations (27 days).

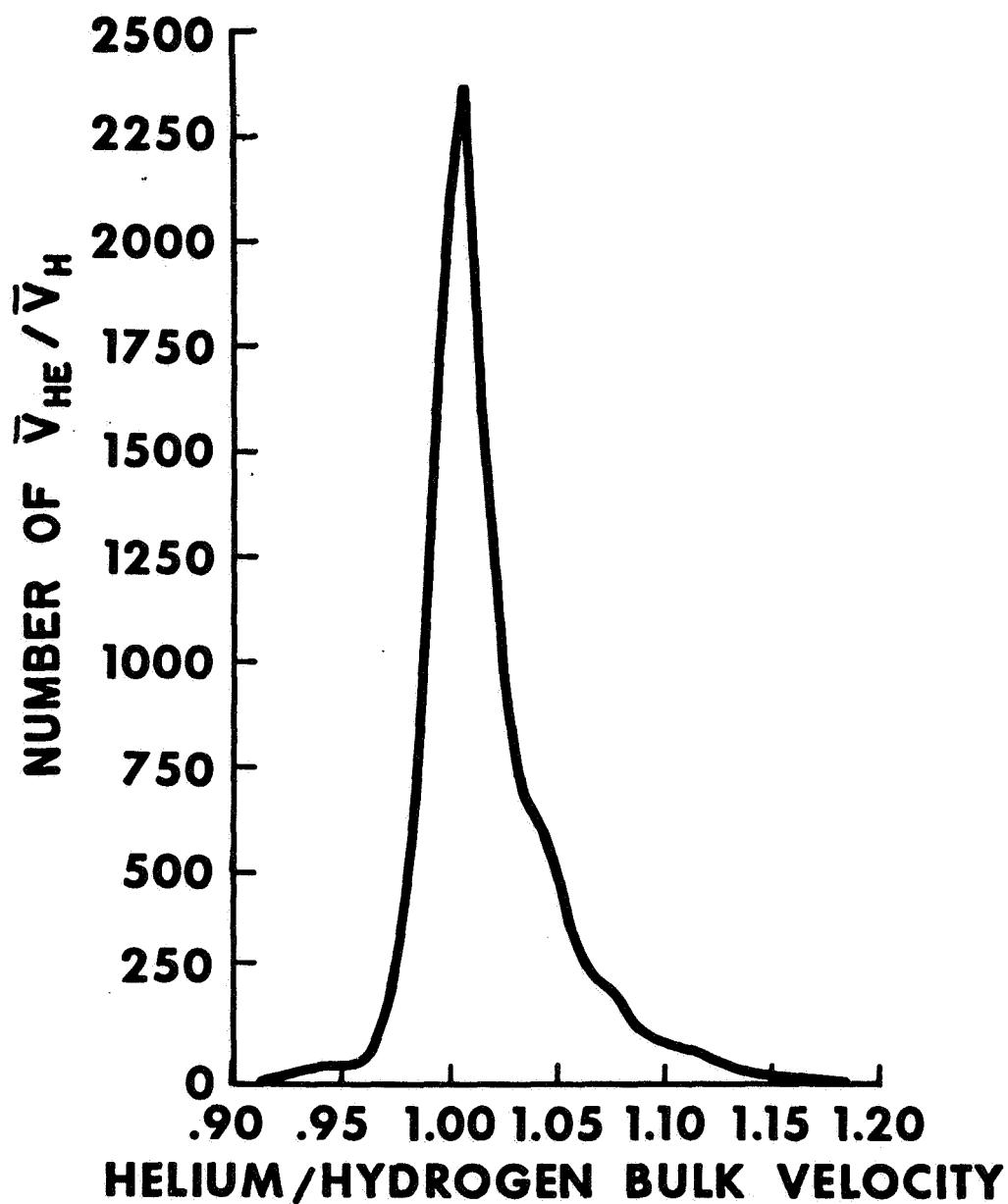


Figure 16. Distribution of $\bar{V}_{\text{He}}/\bar{V}_{\text{H}}$, the helium bulk velocity to hydrogen bulk velocity ratio.
Data used from Vela 3 electrostatic
analyzers between July, 1965 and July,
1967.

The temperatures of helium and hydrogen were compared by computing their ratios $T_{\text{He}}/T_{\text{H}}$. The distribution of $T_{\text{He}}/T_{\text{H}}$ is shown in Figure 17. The mean was found to be 4.02; and, the full width at half maximum was about 2.5. This confirms the earlier results of Neugebauer and Snyder [1966a,b] and Hundhausen et al. [1967a] based on much smaller samples of data. Note that the average ratio of $T_{\text{He}}/T_{\text{H}}$ indicates the average random energy per helium ion is four times the average energy per hydrogen ion, i.e. $T_{\text{He}} \approx 4 T_{\text{H}}$. Thus, the result $T_{\text{He}}/T_{\text{H}} \approx E_{\text{He}}/E_{\text{H}} \approx 4.0$ was obtained.

III. RESULTS OF CORRELATION STUDIES

The relation of the helium-hydrogen ratio to other solar wind parameters was studied by linearly correlating the individual values of the various quantities. Table III gives the matrix of correlation coefficients obtained. The helium-hydrogen ratio did not correlate well with any of the other parameters. Of particular interest is the fact that the hydrogen density had an extremely low correlation coefficient when related to $n_{\text{He}}/n_{\text{H}}$. A correlation coefficient of -0.04 was also obtained when $n_{\text{He}}/n_{\text{H}}$ and the hydrogen flux $n_{\text{H}} \bar{v}_{\text{H}}$ were related. The equality of the hydrogen and helium velocities is demonstrated by a correlation coefficient of 0.99. The temperatures had a correlation coefficient of 0.72.

The correlation of bulk velocities with $n_{\text{He}}/n_{\text{H}}$ was tested for periods when $n_{\text{He}}/n_{\text{H}}$ was high, i.e. greater than 0.07. The coefficient was about the same as that computed using all the ratio data. The

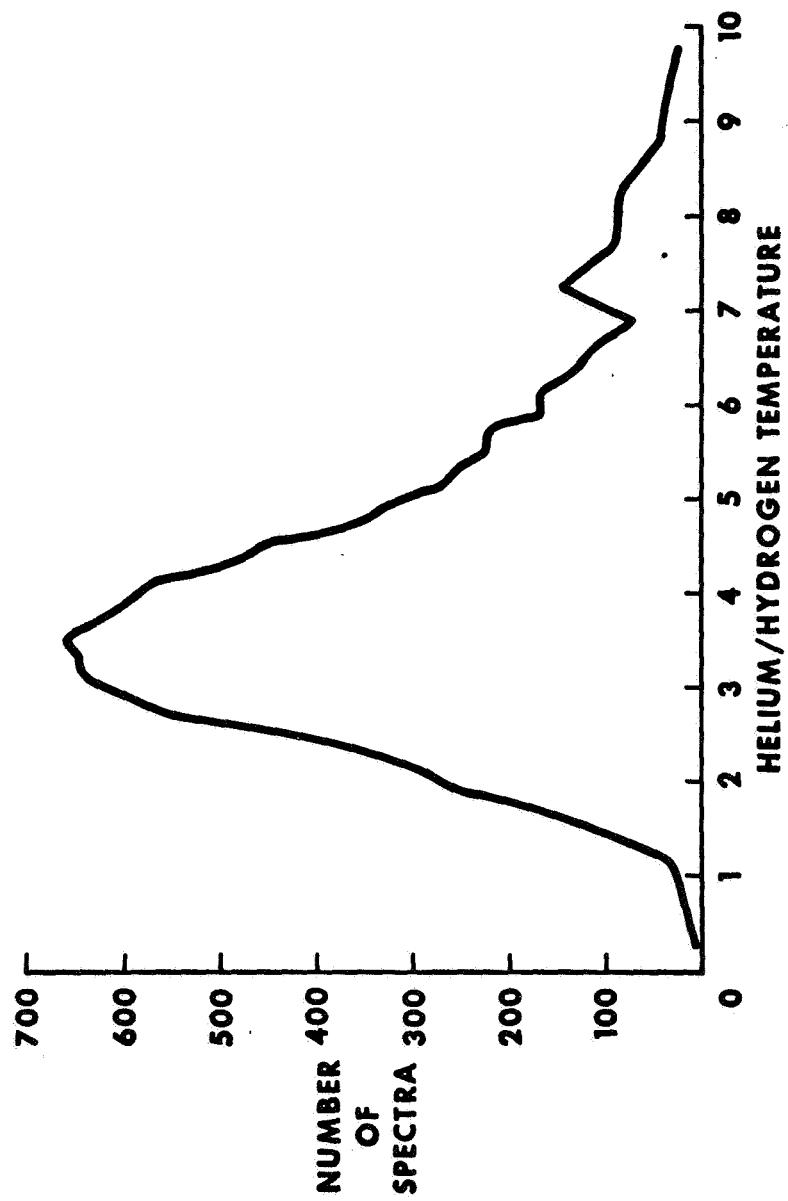


Figure 17. Distribution of $T_{\text{He}}/T_{\text{H}}$ the helium to hydrogen temperature ratio. Data used from Vela 3 electrostatic analyzers between July, 1965 and July, 1967.

TABLE III
CORRELATION MATRIX FOR SOLAR WIND PARAMETERS

	n_{He}/n_H	H. Density	\bar{v}_H	T_H	\bar{v}_{He}	T_{He}
n_{He}/n_H	1.00	-0.12	0.23	0.06	0.20	0.06
H. Density	-0.12	1.00	-0.22	0.02	-0.22	-0.20
\bar{v}_H	0.23	-0.22	1.00	0.63	0.99	0.82
T_H	0.06	0.02	0.63	1.00	0.69	0.72
\bar{v}_{He}	0.20	-0.22	0.99	0.69	1.00	0.86
T_{He}	0.06	-0.20	0.82	0.72	0.86	1.00

velocity and the helium-hydrogen ratio were, therefore, not well correlated in either quiet or disturbed times. To further test the possible increase in n_{He}/n_H with increasing solar cycle (see Figure 1⁴, page 47) the 10.7 cm solar radio flux measured at Ottawa was correlated to n_{He}/n_H . The average of the daily radio flux and the daily average of n_{He}/n_H gave a correlation coefficient of 0.19. To remove the differences produced by time lag between the radio flux and n_{He}/n_H , averages over 28 day periods were correlated. This increased the correlation coefficient to 0.40.

A study relating the helium-hydrogen ratios and the K_p geomagnetic indices averaging both over 3 hours and over a day produced correlation coefficients of 0.27 and 0.34, respectively.

Gosling et al. [1967b] were the first to observe enhancements in the solar wind helium following solar activity. They observed alpha fluxes near the time of the main phase of a geomagnetic storm on April 17-18, 1965. Ogilvie [1968] reported a helium to hydrogen density ratio of 0.17 about 5-1/2 hours after a sudden commencement on May 30, 1967. Ogilvie et al. [1968] later reported increases in n_{He}/n_H following two other magnetic storms on June 5 and June 25, 1967. Bame et al. [1968b] detected a jump in n_{He}/n_H to about 0.18 about 6 hours after a geomagnetic storm on January 13-14, 1967. Enhancements in the helium-hydrogen ratio related to solar wind disturbances have also been studied. Table IV lists all the dates between July 1965 and July 1967 when the daily average of n_{He}/n_H was greater than 0.08. The value of 0.08 is, of course, twice the average ratio reported above. Table IV also

TABLE IV

HELIUM-HYDROGEN RATIO RELATED TO FORBUSH DECREASES AND
SUDDEN COMMENCEMENT GEOMAGNETIC STORMS

Dates when $n_{\text{He}}/n_{\text{H}} > 0.08$	Accompanied by Forbush Decrease	Accompanied by S.C. Geomagnetic Storm
8/6/65	No	No
8/17/65	Yes	Yes
3/23/66	Yes	Yes
6/24/66-6/25/66	Yes	Yes
7/29/66-7/30/66	Yes	Yes
8/31/66	Yes	Yes
9/3/66	Yes	Yes
9/20/66	Yes	Yes
9/24/66	Yes	Yes
10/16/66-10/17/66	Yes	Yes
12/22/66-12/23/66	?	Yes
1/7/67	Yes	Yes
1/13/67-1/14/67	Yes	Yes
5/26/67	Yes	Yes

indicates whether or not the enhancement in $n_{\text{He}}/n_{\text{H}}$ was accompanied by sudden commencement geomagnetic storms and Forbush decreases. Of the 14 days when the daily average was greater than 0.08, 13 were accompanied by geomagnetic storms and 12 were accompanied by Forbush decreases. There were 12 other times when both Forbush decreases and sudden commencements occurred simultaneously. Although the daily average for $n_{\text{He}}/n_{\text{H}}$ was less than 0.08 for these times, enhanced $n_{\text{He}}/n_{\text{H}}$ values for individual spectra were observed in all cases. For most of these events, the individual values of $n_{\text{He}}/n_{\text{H}}$ rose to greater than 0.1 within a few hours of the sudden commencement. Figure 18 is a plot of the daily average of $n_{\text{He}}/n_{\text{H}}$ for the period from August 22, 1966 to October 7, 1966. The Deep River neutron monitor data are also plotted on the figure; and, the times of sudden commencement geomagnetic storms are indicated. Note the increases in $n_{\text{He}}/n_{\text{H}}$ that follow sudden commencements and Forbush decreases.

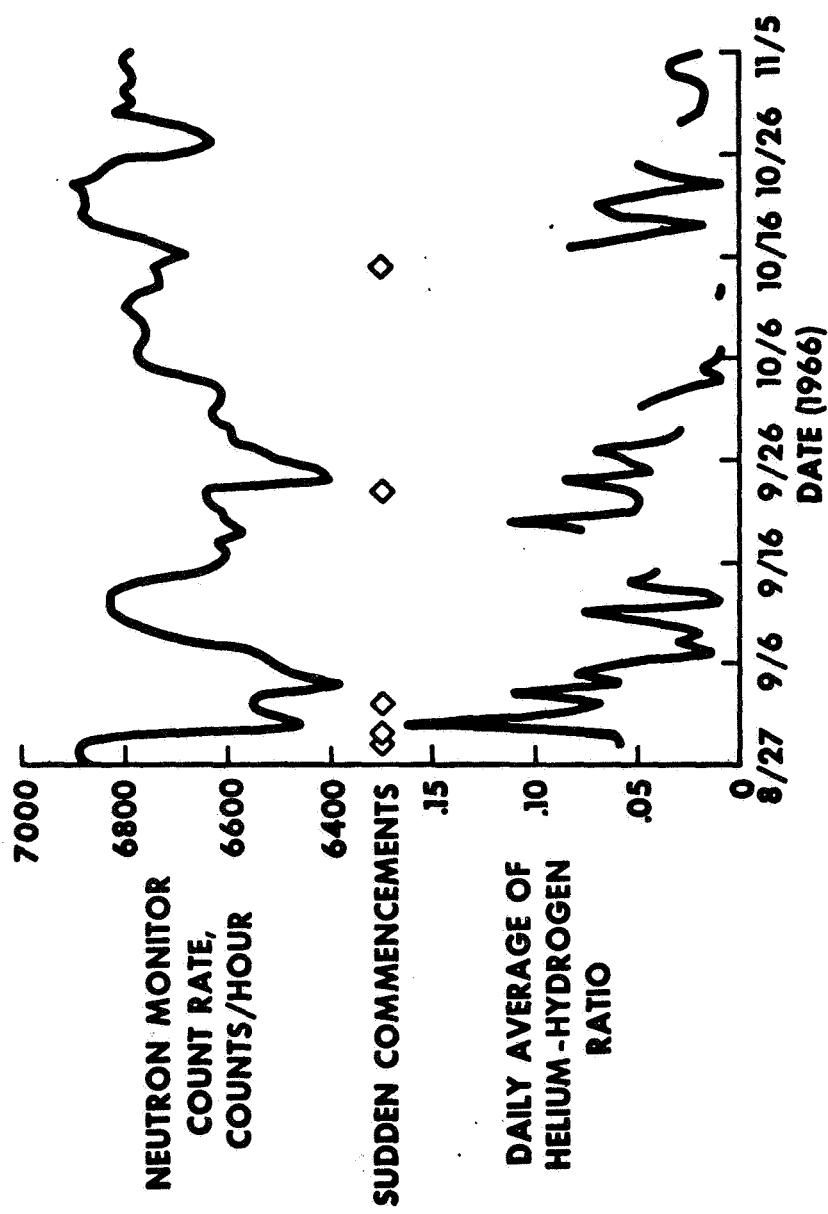


Figure 18. Relation of helium - hydrogen ratio to Forbush decreases and sudden commencement geomagnetic storms.

CHAPTER V

DISCUSSION AND CONCLUSIONS

In this chapter certain conclusions are deduced from the results given in the previous chapter. Discussions of the conclusions are given.

I. LONG TERM AVERAGE OF HELIUM TO HYDROGEN DENSITY RATIO

This study obtained a long term average of the helium to hydrogen density ratio which is slightly less than previously reported [Neugebauer and Snyder, 1966a,b; Hundhausen et al., 1967a]. The average for a two year period was 0.037. Although individual values varied widely, being quite large at times, the occasional periods of high helium abundance did not greatly affect the long term average. For example, only 2% of the time were the ratios greater than 0.1. For a 40 day period in mid-1965 a ratio of 0.043 was obtained. This compares favorably with the 0.042 obtained by Hundhausen et al. [1967a] for the same period. A similar comparison with Neugebauer and Snyder [1966a,b] was not possible as the times of their observations did not overlap the period covered in this paper. It is concluded that the long term average of n_{He}/n_H obtained here and the earlier reports show a real difference which results from different conditions of the solar wind at the times of measurement. Because this study used a larger sample of solar wind data, measured over a longer period of time, the average helium to hydrogen density ratio obtained here gives the best estimate to date.

II. COMPARISON OF SOLAR WIND AND SOLAR SURFACE

HELIUM-HYDROGEN RATIO

The average of the solar wind helium-hydrogen ratio was found to be less than the values reported for the "solar surface" helium-hydrogen ratio. The recent value of 0.063 ± 0.015 reported by Lambert [1967] is the lowest value obtained for the "solar surface" helium-hydrogen ratio. Neither the average of the solar wind helium-hydrogen ratio, $0.037 \pm 25\%$, nor the estimated ratio of the total amount of helium released into the solar wind during the two years of observation to the total amount of hydrogen released in the same period, 0.037 also, was within the error bars for Lambert's value. Hence, it is concluded that the solar wind helium-hydrogen ratio is less than the "solar surface" ratio.

III. SEPARATION OF HELIUM AND HYDROGEN

IN THE SOLAR ATMOSPHERE

The conclusions that the solar wind and "solar surface" helium-hydrogen ratios are different implies that mechanisms exist which separate the helium in the solar atmosphere from the hydrogen. Gravitational forces produce stratification of the constituents in an atmosphere. The scale height of a constituent of mass m and temperature T is

$$H = \frac{kT}{mg}$$

Note that the scale height for hydrogen, with a mass one-fourth that of helium, is four times the scale height of helium indicating that the helium is relatively more plentiful in the lower region of the atmosphere.

When an atmosphere is ionized the condition is somewhat different. If the atmosphere is principally composed of ionized hydrogen, the scale height is

$$H_{H^+} = \frac{k(T_{H^+} + T_e)}{(m_H + m_e)g} \propto \frac{k(T_{H^+} + T_e)}{m_H g}$$

Assuming the electrons and hydrogen ions are in thermodynamic equilibrium, i.e. $T_{H^+} = T_e = T$, the scale height becomes

$$H_{H^+} = \frac{2kT}{m_H g}$$

Thus, the scale height for ionized hydrogen is twice that for neutral hydrogen. This difference is accounted for by an electric field produced by gravitational separation of the hydrogen ions and electrons. The scale height for ionized hydrogen can then be written

$$H_{H^+} = \frac{kT}{m_H g - eE}$$

The force due to the electric field cancels half the force due to gravity. Hence, the electric field can be obtained from

$$eE = \frac{1}{2} m_H g$$

Assuming helium to be a trace constituent of the atmosphere, the helium scale height is

$$H_{He^{++}} = \frac{kT}{m_{He}g - 2eE}$$

Substituting for eE , the helium scale height becomes

$$H_{He^{++}} = \frac{4}{3} \frac{kT}{m_{He}g} = \frac{1}{3} \frac{kT}{m_Hg}$$

Thus, the scale height for ionized helium is only slightly greater than for neutral helium but one-third that for neutral hydrogen. There is even greater separation of helium and hydrogen in an ionized atmosphere. The electric field produced by gravitational separation of the hydrogen ions and electrons produces a greater amount of stratification with helium relatively more abundant near the bottom of the atmosphere. This discussion was taken in part from Haymes [1964].

This problem has been worked out with greater generality, assuming a varying gravitational force and isothermal atmosphere, by Parker [1963]. Adding a variation in temperature yields the same general result of stratification obtained here and by Parker [1963].

This use of scale heights is applicable only to atmospheres where hydrodynamic equilibrium exists. Although the solar corona is not in hydrodynamic equilibrium in the region where the solar wind originates, the assumption should apply in the chromosphere and lower corona. Gravitational settling of helium from the corona could be inhibited by the

expansion of the solar wind. Parker [1966] reported that a comparison of the rate at which helium can settle out is about equal to the rate at which the solar corona is expanding into the solar wind. Jokipii [1965, 1966] studied the radial diffusion of constituents of the solar corona and chromosphere. He considered thermal diffusion and diffusion due to the pressure gradient in the lower corona and chromosphere. He found that diffusion could produce an enhanced helium-hydrogen ratio in the lower corona near the temperature maximum, thereby, decreasing the solar wind's helium-hydrogen ratio.

IV. VARIATIONS IN THE HELIUM-HYDROGEN RATIO

Rapid variations in the solar wind helium-hydrogen ratio are observed even from one spectral measurement to the next (256 seconds). Assuming a solar wind velocity of 400 km/sec, this implies that these changes occur in regions approximately 10^5 km (one-sixth the sun's radius) in size. (If one considers that the solar wind originates from the corona near 5-10 solar radii, the relative size of the regions over which one spectral measurement is made is much smaller.) Jokipii [1965] suggested that turbulent mixing within the solar atmosphere acting with diffusion could produce substantial fluctuations in the solar wind's helium-hydrogen ratio.

The occasional large jumps in the solar wind helium-hydrogen ratio are apparently produced by solar flares, since they follow sudden commencement geomagnetic storms and Forbush decreases. Gold [1966a] has suggested a model whereby gas is released into the solar wind directly

from the chromosphere following a flare. Hirshberg et al. [1968] have also related increases in the solar wind helium-hydrogen ratio to the driver gas produced deep within the corona during a flare. One would, therefore, actually be sampling the composition of the solar corona or chromosphere during these periods of high helium content. The model of an enriched chromosphere and lower corona, as discussed earlier, agrees with the suggestions of Gold [1966a] and Hirshberg et al. [1968]. The driver gas could force part of the helium enriched chromosphere or corona out into the solar wind from the region above the flare.

Still another possibility for explaining the helium enrichment of the solar wind and solar cosmic rays following flares is that thermonuclear reactions converting H to He could occur during flares.

Severnyi and Shabanski [1961] showed that during flares temperatures high enough to allow thermonuclear reactions were produced. Fusion during flares could account for the helium-hydrogen ratio jumping to 0.2, a ratio greater than the expected chromospheric value. The process not only produces additional helium but decreases the relative hydrogen abundance in doing so.

The possibility of a solar cycle influence on the helium-hydrogen ratio has been suggested from Figure 14, page 47. Similarly, the 10 day averages of n_{He}/n_H indicate that the solar wind is filamented with respect to n_{He}/n_H accounting for the large variations from one coronal replenishment period to the next. The various levels of n_{He}/n_H that were observed at different times may actually originate from different heights in the solar corona, as suggested by Gold [1966a]. Times when

the helium-hydrogen ratio, averaged over solar rotations, was high (up to 0.065) were found, indicating that long periods when the solar wind originates from regions of higher helium content exist.

V. RELATION OF n_{He}/n_H TO OTHER SOLAR WIND PARAMETERS

This study shows that the helium-hydrogen ratio is not strongly correlated to the other solar wind plasma parameters of density, bulk velocity, and temperature. Although both n_{He}/n_H and the hydrogen bulk velocity are increased by an increase in solar activity, the two are not strongly correlated in either periods of average or enhanced helium content. Increases in velocity and temperature due to solar activity persist for longer periods than the increases in the helium-hydrogen ratio.

VI. COMPARISON OF ION VELOCITIES

The results obtained here verify the earlier reports that the helium and hydrogen bulk velocities are equal. Because the Vela 3 electrostatic analyzers have a high degree of energy resolution, the velocity determinations for both ions are quite good. The equal velocities of the ions appear to be a natural consequence of the phenomena of "frozen in flux". The explanation is as follows: Assume the sun's magnetic field is frozen into the solar wind plasma and is pulled out from the sun at a velocity \vec{v} . Assume also that the sun's magnetic field is oriented at some angle $\Theta (\Theta < 90^\circ)$ with the radial direction (see Figure 19). In the frame of reference moving with the magnetic field, the field strength is assumed to be \vec{B}' . There is no electric field in this moving frame (this is basically what the "freezing in" of magnetic

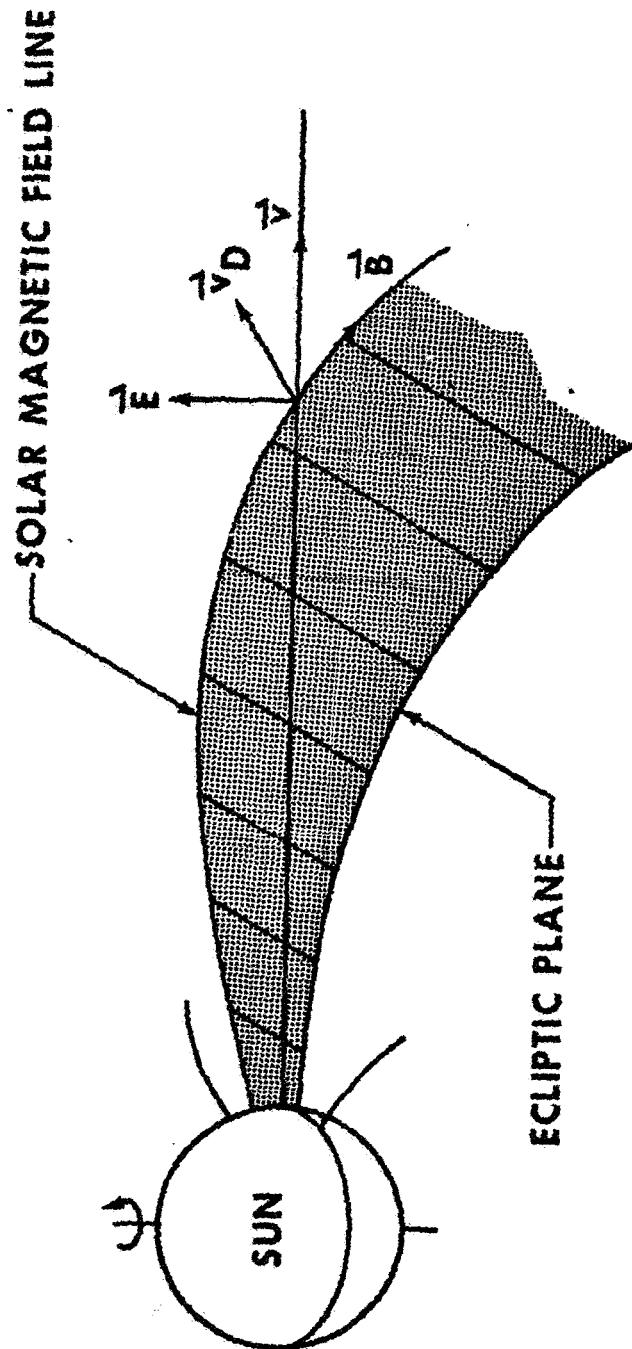


Figure 19. The equality of hydrogen and helium bulk velocities is a consequence of the phenomena - "frozen in flux". An electric field is produced in a stationary coordinate frame. The electric field and the crossed magnetic field produce an equal drift velocity for all ions.

fields means). The magnetic field then transforms as

$$\vec{B} = \vec{B}' \quad (27)$$

where \vec{B} is the magnetic field in the stationary frame. The equation for transformation of an electric field from a stationary frame to the moving frame is

$$\vec{E}' = \vec{E} + \frac{\vec{v}}{c} \times \vec{B} \quad (28)$$

But $\vec{E}' = 0$, thus, in the stationary frame

$$\vec{E} = -\frac{\vec{v}}{c} \times \vec{B} \quad (29)$$

So, there is an electric field produced in the stationary frame. Because there are crossed \vec{E} and \vec{B} fields in the stationary frame, an $\vec{E} \times \vec{B}$ drift with velocity

$$\vec{v}_d = \frac{c}{B^2} \vec{E} \times \vec{B} \quad (30)$$

is produced. This drift velocity is the same for all ions causing all the ions in the solar wind to flow together at the same velocity.

VII. COMPARISON OF ION TEMPERATURES

One can see from Figure 17, page 52, that the helium to hydrogen temperature ratio is rarely unity. In fact, T_{He}/T_H is observed to be as

high as 10.0. This indicates a lack of thermodynamic equilibrium between the solar wind ion species at 1 A.U. A mechanism apparently exists which heats the helium in the solar wind more efficiently than the hydrogen. The details of how a mechanism could accomplish this preferential heating have not been worked out. Wave particle interactions have been suggested as a possible mechanism; but, this has not been demonstrated quantitatively. Neugebauer and Snyder [1966b] suggested that ion reflections off shock fronts could account for the temperature differences in solar wind ions.

Bame et al. [1968a] suggest that only during periods when $T_{He} = T_H$ does one sample more nearly the conditions in the solar corona where the solar wind originates. At other times when $T_{He} \neq T_H$ the temperatures do not bear any resemblance to coronal conditions.

The average ratio of 4.0 for T_{He}/T_H indicates that, on the average, helium and hydrogen ions in the solar wind have equal random velocities. The distribution for T_{He}/T_H (Figure 17, page 52) shows that although the average is 4.0, substantial variations from this ratio are not uncommon.

VIII. MODEL OF SOLAR HELIUM-HYDROGEN RATIO

A composite model of the solar atmosphere and solar wind helium-hydrogen ratio can be formed. A pictorial description is given in Figure 20. The helium-hydrogen ratio is enhanced in the chromosphere and lower corona because of gravitational settling of helium. Spectroscopic measurements in solar prominences yield the higher helium-hydrogen

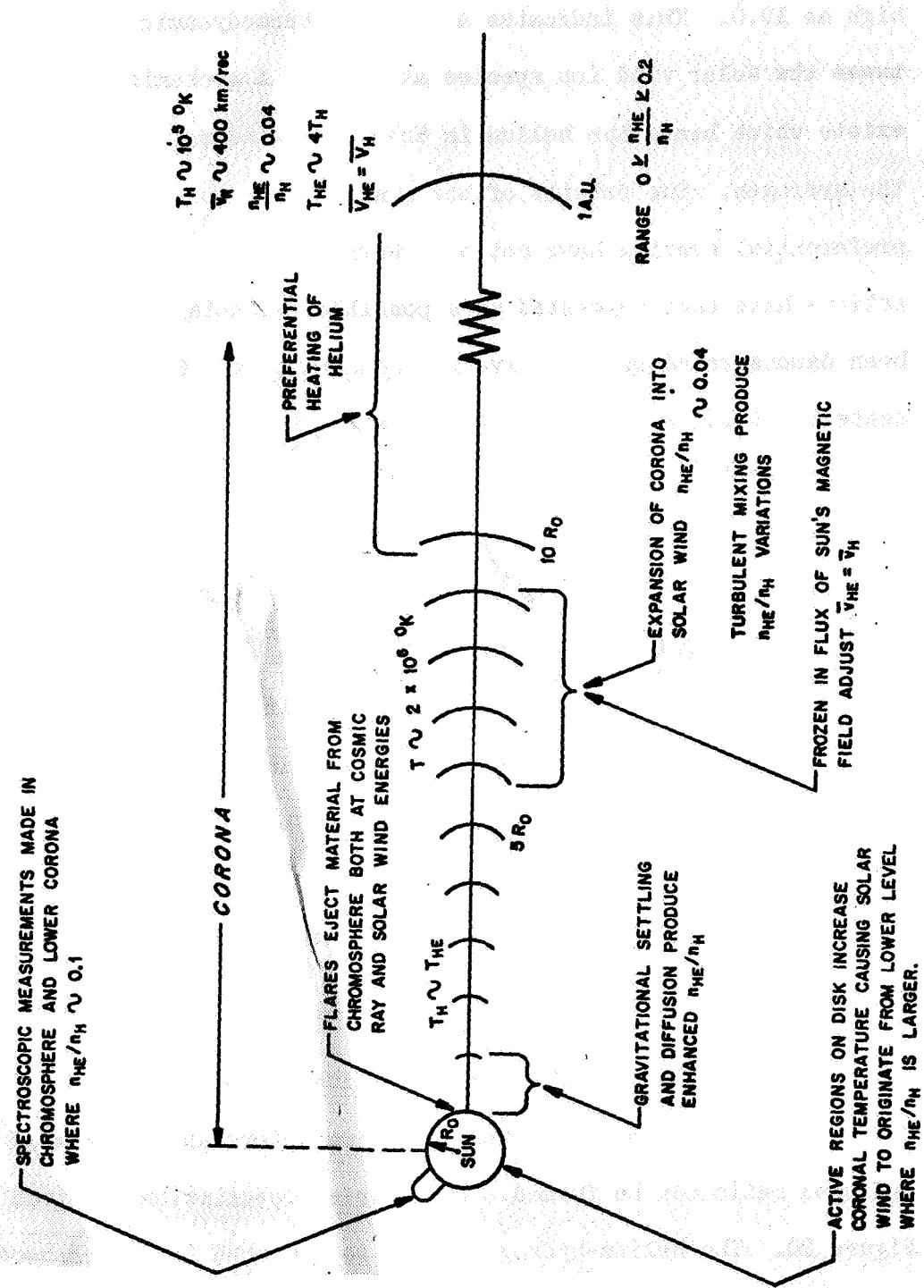


Figure 20. Conditions in solar atmosphere and solar wind.

ratios of the chromosphere and lower corona. Since flares occur in the chromosphere, the solar cosmic rays produced during flares reflect the higher helium-hydrogen ratio. Likewise, flares can release gas at solar wind energies directly from the chromosphere and lower corona causing sudden increases in $n_{\text{He}}/n_{\text{H}}$ which are associated with solar wind disturbances at 1 A.U. In quiet times the solar corona expands into the solar wind in regions of the corona where $n_{\text{He}}/n_{\text{H}} \approx 0.04$. However, active regions on the solar disk, such as plages and sunspots, could heat the corona to a higher temperature causing the solar wind to originate from a lower level in the corona where the helium-hydrogen ratio is higher.

No measurements of the helium-hydrogen ratio have been made to date in the photosphere or actual solar surface. Because the chromospheric and lower coronal regions are believed to have higher helium-hydrogen ratios, spectroscopic and cosmic ray values should not be taken as representative of the solar surface value. Likewise, the solar wind probably originates from a region of the solar atmosphere which has a reduced helium abundance because of gravitational settling. In other words, the sun does not release helium and hydrogen into the solar wind with the same ratio that exists on the solar surface (photosphere). Because the surface layer's elemental composition has not changed appreciably during the 4.5 billion year life of the sun, the photospheric helium-hydrogen ratio can be taken as the primordial value. Therefore, the primordial helium-hydrogen ratio of the sun is still uncertain. New methods for measuring the photospheric ratio or for obtaining it through calculations are required.

CHAPTER VI

SUGGESTED AREAS FOR FUTURE RESEARCH

Because of arguments given in this paper, no measurements of the solar hydrogen-helium ratio made to date should be taken as the photospheric value. However, one may be able to use the average obtained here for the solar wind helium-hydrogen ratio as a boundary condition for a theoretical calculation which extrapolates back to the solar surface. This problem is suggested for follow-on research.

This study has shown that a possible dependence of the solar wind helium-hydrogen ratio on the solar cycle may exist. This is a very important result that should be studied further. Sufficient data from Vela and other satellites are available to test the result.

Studies using the Vela 3 data in Appendix C should be made on periods of extreme conditions, i.e. when the helium-hydrogen ratio is very low and when it is very high. In addition, periods of extremely high and low velocities, temperatures, densities, and fluxes should be examined to obtain a better understanding of conditions during these periods. Of particular interest are periods when shocks have been observed in the solar wind. By studying the behavior of the helium to hydrogen temperature ratio around the time of a shock, one may be able to obtain an insight into the acceleration mechanisms of solar flares.

A study of the filamentation, with respect to the helium-hydrogen ratio, in the solar wind would also be of interest. In particular, the filaments should be related to magnetic sectors of the solar wind discussed by McCracken and Ness [1966].

Geiss et al. [1969] studied the general equations of motion for ions in the acceleration region of the solar wind. He concluded that a correlation between the solar wind helium-hydrogen ratio and the hydrogen flux should exist. Preliminary analysis of data from this study indicates a very small negative correlation of these two parameters. This problem should be resolved.

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APPENDIX A

ORBIT OF ION IN AN ELECTROSTATIC ANALYZER

Assume that the potential across the plates of a concentric hemispherical plate electrostatic capacitor is V_0 . Assume the inner radius to be R_1 and the outer radius to be R_2 . The potential between the plates is given by

$$V(r, \theta, \phi) = \sum_{l=0}^{\infty} \sum_{m=-l}^{l} \left[A_{lm} r^l + B_{lm} r^{-(l+1)} \right] Y_{lm}(\theta, \phi) \quad (A1)$$

Because of spherical symmetry, all the spherical harmonic terms vanish except $l = m = 0$, i.e. $Y_{lm} = 0$, $l \neq 0, m \neq 0$. For $l = m = 0$, $Y_{00} = 1$. Thus, the potential reduces to

$$V(r) = A_{00} + \frac{B_{00}}{r} \quad (A2)$$

The potential at the outer plate is assumed to be $V_0/2$ and the potential at the inner plate is assumed to be $-V_0/2$. The difference in potential across the plate is V_0 . From Equation (A2) one then has

$$V(R_1) = A_{00} + \frac{B_{00}}{R_1} = -\frac{V_0}{2} \quad (A3)$$

and

$$V(R_2) = A_{00} + \frac{B_{00}}{R_2} = \frac{V_0}{2} \quad (A4)$$

Subtracting Equation (A4) from Equation (A3) and solving for B_{00} one obtains

$$B_{00} = - \frac{R_1 R_2 V_0}{R_2 - R_1} \quad (A5)$$

Thus,

$$V(r) = A_{00} - \frac{R_1 R_2 V_0}{(R_2 - R_1)} \frac{1}{r} \quad (A6)$$

The electric field between the plates is then given by

$$\vec{E}(r) = -\nabla V = -\frac{\partial V}{\partial r} \hat{r} = -\frac{R_1 R_2 V_0}{(R_2 - R_1)} \frac{\hat{r}}{r^2} \quad (A7)$$

The force between the plates on a particle of charge Q is

$$\vec{F}(r) = - \frac{Q R_1 R_2 V_0}{(R_2 - R_1)} \frac{\hat{r}}{r^2} \quad (A8)$$

Define a constant K as

$$K \equiv \frac{Q R_1 R_2 V_0}{R_2 - R_1} \quad (A9)$$

so that

$$\vec{F}(r) = - \frac{K \hat{r}}{r^2} \quad (A10)$$

Thus one can see that the force is inverse square. From Goldstein [1950] the orbit of a particle of mass m , total energy W , and angular momentum L in an inverse square force field of constant K is given by

$$\frac{1}{r} = \frac{mK}{L^2} \left[1 + \sqrt{1 + \frac{2WL^2}{mK^2}} \cos(\theta - \theta_0) \right] \quad (\text{A11})$$

For a particle of velocity v_0 incident upon the analyzer's aperture at a distance r_0 from its center and at an angle ϕ with the normal to the aperture, the angular momentum is given by

$$L = mv_0 r_0 \cos \phi \quad (\text{A12})$$

Figure 21 illustrates the assumptions. Since the force is conservative both the total energy and the angular momentum are conserved. Thus the total energy W is equal to the initial kinetic energy T_0 before the particle enters the aperture. Since $T = mv^2/2$, L^2 can be written as

$$L^2 = 2mT_0 r_0^2 \cos^2 \phi \quad (\text{A13})$$

Then Equation (A11) reduces to

$$\frac{1}{r} = \frac{R_i R_2 V_0}{2(R_2 - R_i) r_0^2 \cos^2 \phi} \frac{Q}{T_0} \left[1 + \sqrt{1 + \frac{4(R_2 - R_i)^2 r_0^2 \cos^2 \phi}{R_i^2 R_2^2 V_0^2} \frac{T_0^2}{Q^2}} \cos(\theta - \theta_0) \right] \quad (\text{A14})$$

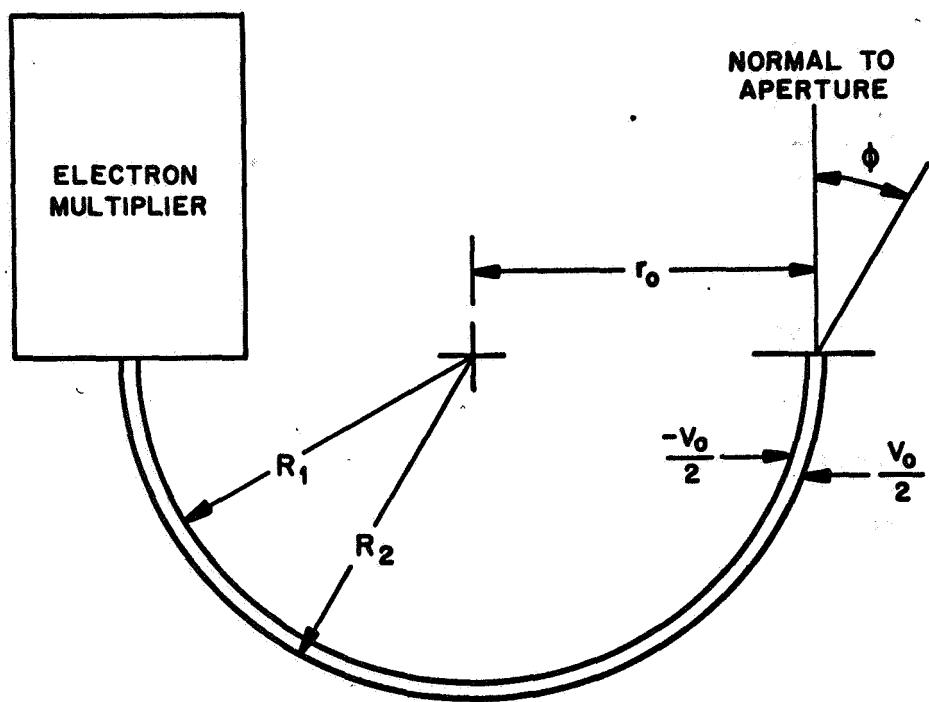


Figure 21. Physical characteristics of electrostatic analyzer required to define the orbit of an ion between the plates.

Define a constant C as

$$C = \frac{R_1 R_2}{2(R_2 - R_1)} \quad (A15)$$

Equation (A14) reduces to

$$\frac{l}{r} = \frac{C}{r_0^2 \cos^2 \phi} \frac{Q}{T_0} \left[1 + \sqrt{1 + \frac{r_0 \cos^2 \phi}{C^2} \frac{T_0^2}{Q^2}} \cos(\theta - \theta_0) \right] \quad (A16)$$

Note that $r_0 \cos \phi$ can be thought of as the impact parameter for the center of the analyzer. Note also that besides the radius and angle of incidence, the orbit only depends on the particle's incident energy per charge T_0/Q .

APPENDIX B

FORBUSH DECREASES AND GEOMAGNETIC DISTURBANCES

Some large solar flares produce measurable changes in the earth's magnetic field and the intensity of galactic cosmic rays as measured at the earth's surface. These changes occur from one to three days after the flare and are associated with the arrival at the earth of a high density plasma cloud at solar wind velocities. This high density plasma cloud is produced as a result of the flare. Figure 22 shows the behavior of both the horizontal component of the earth's magnetic field and a high latitude neutron monitor.

The changes in the earth's magnetic field occur first as an increase of the horizontal component and then a large decrease in the field strength. The first rapid jump is called the sudden commencement of the geomagnetic storm and is produced by the compression of the earth's magnetic field as a result of a higher solar wind particle pressure. The horizontal component is enhanced for an hour or so and then falls to a value lower than the prestorm level. The large decrease in the magnetic field strength is called the main phase of the magnetic storm.

Large depressions in the neutron monitor counting rate that are associated with solar flares are called Forbush decreases, named after their discoverer [Forbush, 1954]. The neutron monitors measure secondary neutrons produced by galactic cosmic rays. The decrease in the counting rate occurs because the high density plasma ejected as a result of the flare has higher intensity magnetic fields frozen into the plasma.

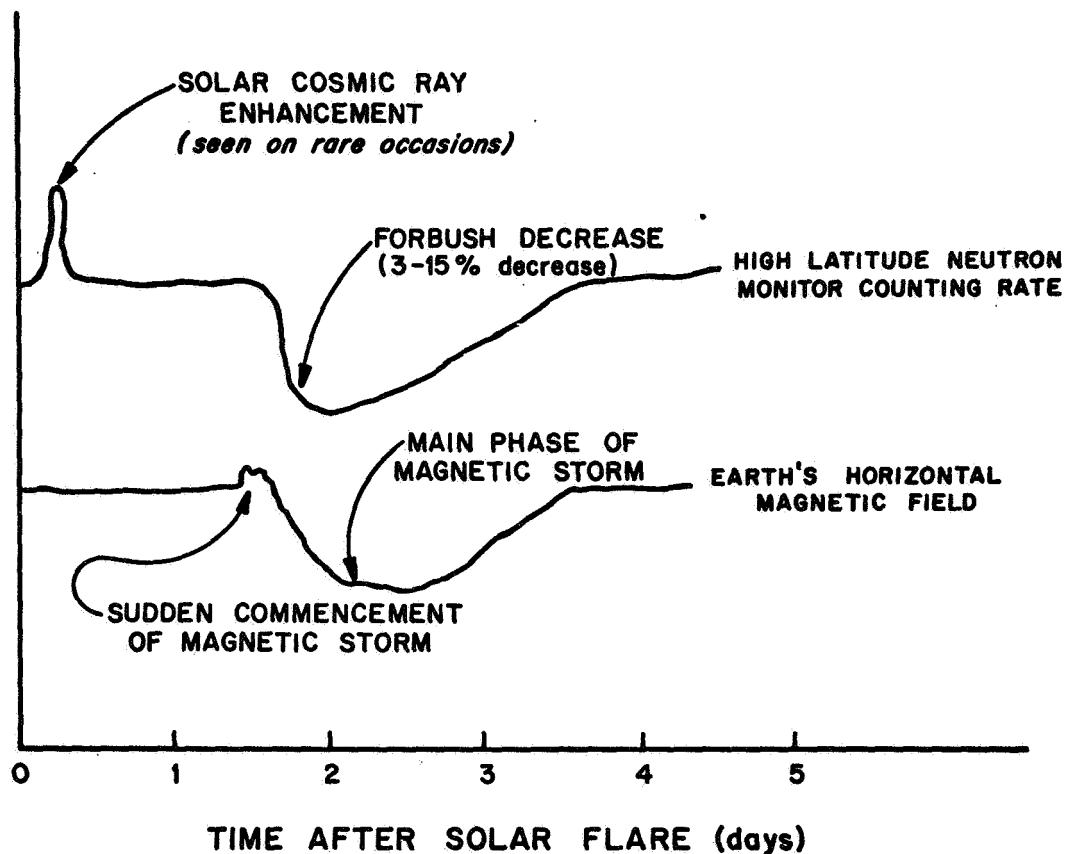


Figure 22. Typical time sequence of magnetic storm and Forbush decrease produced by solar flare.

These higher magnetic fields act as magnetic shields to reduce the flux of primary cosmic rays in the earth's atmosphere and thereby reduce the secondary neutron counting rate. Note that on rare occasions primary solar cosmic rays can produce an enhanced neutron flux a few hours after the flare. This enhancement is caused by high energy (MeV-BeV) particles that precede the particles producing the geomagnetic storm and Forbush decrease.

The K_p index mentioned in this paper is a quasi-logarithmic function that measures the relative amplitude of geomagnetic fluctuations. The K_p index is an average of another subjective measurement of geomagnetic disturbance, the K index, reported by 12 observatories at a range of latitudes. The K indices are reported every 3 hours by the 12 observatories and give a subjective value to what that observatory's observer-in-charge "feels" is the state of geomagnetic activity. Both K and K_p indices can range from 0 to 9. A report of 0 corresponds to an extremely calm period while a value of 9 represents a time of violent fluctuations.

APPENDIX C

TABULATION OF REDUCED DATA

The reduced data for each of the 10,314 spectra used in this study are given in this appendix. The quantities listed in the 10 columns are:

1. DATE--The date on which the spectrum was measured, given as year, month, and day of month.
2. TIME--The universal time in seconds at which the measurement of that spectrum commenced.
3. BD--The satellite on which the spectrum was taken, i.e. Vela 3A or 3B.
4. APR1--The best estimate value of the helium to hydrogen density ratio for the spectrum taken at TIME on DATE given and on the satellite BD.
5. APR2--The upper limit estimate for the helium to hydrogen density ratio.
6. DENSITY--The hydrogen density at TIME and DATE given.
7. P VEL--The hydrogen bulk velocity at TIME and DATE.
8. P TEMP--The hydrogen temperature at TIME and DATE.
9. A VEL--The helium bulk velocity at TIME and DATE.
10. A TEMP--The helium temperature at TIME and DATE.

III

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650724	17463	3A	.07309	.07903	2.96+00	458.3	1.38+05	480.6	5.00+05
650724	18743	3A	.04532	.04726	6.15+00	455.7	2.41+05	500.3	5.16+05
650724	18999	3A	.06040	.05996	6.14+00	465.2	1.97+05	486.1	4.11+05
650724	19255	3A	.05748	.06068	5.32+00	453.3	1.63+05	484.2	3.68+05
650724	28471	3A	.06156	.05632	3.42+00	477.2	1.13+05	484.5	7.04+05
650724	30519	3A	.06625	.06818	5.15+00	479.5	2.17+05	507.3	6.30+05
650724	33335	3A	.05761	.05762	4.37+00	501.8	1.79+05	492.6	5.94+05
650724	33840	3A	.04565	.04609	4.00+00	509.2	1.45+05	501.5	4.77+05
650724	34103	3A	.05773	.05649	4.34+00	505.9	1.68+05	494.1	6.31+05
650724	34359	3A	.05472	.05377	4.23+00	504.8	1.54+05	494.2	6.09+05
650724	34615	3A	.04992	.05093	4.18+00	491.0	1.60+05	496.9	5.31+05
650724	34871	3A	.05521	.05554	4.22+00	477.8	1.63+05	495.2	6.49+05
650724	37687	3A	.03877	.03880	4.69+00	471.3	1.75+05	480.9	3.86+05
650724	37942	3A	.05245	.05492	4.50+00	483.5	1.97+05	492.9	5.03+05
650724	54070	3A	.05176	.05713	4.68+00	462.3	1.34+05	477.4	4.07+05
650724	54326	3A	.05968	.05915	4.83+00	475.4	1.57+05	484.3	4.35+05
650724	54582	3A	.06120	.05739	4.76+00	475.1	1.57+05	483.0	5.66+05
650724	54838	3A	.06936	.06592	4.34+00	482.8	1.34+05	482.9	4.33+05
650724	58422	3A	.04932	.04922	3.94+00	424.8	1.60+05	452.6	6.20+05
650724	58934	3A	.05660	.05757	4.93+00	465.0	1.83+05	496.2	4.82+05
650724	59958	3A	.06083	.05735	4.39+00	466.6	1.79+05	483.7	6.06+05
650724	60214	3A	.03255	.03434	2.35+00	468.8	1.06+05	468.5	3.87+05
650724	60726	3A	.04644	.04787	4.33+00	467.1	1.50+05	485.8	5.15+05
650724	62006	3A	.05045	.05319	4.33+00	475.4	1.25+05	484.5	4.86+05
650724	62262	3A	.06380	.06482	3.67+00	483.3	1.25+05	488.1	4.36+05
650724	70710	3A	.14837	.13990	1.93+00	429.1	7.89+04	434.6	6.49+05
650724	77165	3A	.03879	.03869	3.28+00	481.4	6.60+04	462.5	3.79+05
650724	77421	3A	.05906	.05803	3.61+00	461.0	1.02+05	476.5	5.14+05
650724	77677	3A	.05750	.05736	2.97+00	477.3	7.84+04	477.4	4.01+05
650724	78171	3A	.06684	.06500	3.22+00	469.3	7.87+04	477.1	6.31+05
650724	81475	3A	.02159	.02169	4.09+00	460.9	8.88+04	462.6	1.53+05
650725	1637	3A	.01298	.02174	2.99+00	409.5	7.54+04	402.8	2.84+05
650725	1893	3A	.06034	.06109	2.75+00	454.4	9.91+04	460.4	4.04+05
650725	2917	3A	.05366	.05341	2.54+00	459.5	8.45+04	463.4	2.82+05
650725	3173	3A	.04988	.05043	2.77+00	459.3	7.23+04	457.4	3.84+05
650725	3429	3A	.05708	.05695	2.44+00	459.7	7.08+04	460.0	3.31+05
650725	3685	3A	.05529	.05510	2.67+00	459.6	7.95+04	456.6	3.75+05
650725	3941	3A	.05751	.05758	2.66+00	463.8	7.28+04	459.8	3.44+05
650725	4197	3A	.05401	.05365	2.50+00	461.6	7.81+04	454.6	3.12+05
650725	4453	3A	.05775	.05589	2.47+00	464.6	7.41+04	467.3	4.21+05
650725	4709	3A	.05405	.05384	2.56+00	463.0	7.62+04	460.7	3.64+05
650725	5477	3A	.05309	.05277	2.48+00	463.6	8.00+04	460.8	4.38+05
650725	5733	3A	.04918	.04877	2.64+00	457.9	7.06+04	453.5	3.14+05
650725	5989	3A	.05357	.05501	2.27+00	452.5	7.25+04	454.2	3.98+05
650725	6245	3A	.05579	.05669	2.32+00	453.5	6.72+04	459.2	3.19+05
650725	6501	3A	.05642	.05624	2.32+00	451.1	7.55+04	456.1	3.29+05
650725	6757	3A	.04711	.04780	2.36+00	452.6	7.51+04	460.0	3.76+05
650725	9573	3A	.05330	.05228	2.11+00	454.6	7.09+04	445.5	2.93+05
650725	9829	3A	.05028	.05213	2.10+00	455.6	7.98+04	446.3	3.83+05
650725	10065	3A	.04543	.04438	2.22+00	456.6	8.03+04	449.5	3.71+05
650725	25733	3A	.04530	.04713	1.51+00	389.8	3.82+04	376.4	2.38+05
650725	25989	3A	.03081	.02955	2.48+00	394.7	5.65+04	400.8	3.47+05
650725	26245	3A	.02367	.02421	2.46+00	401.6	4.89+04	400.0	1.74+05
650725	26501	3A	.03095	.02957	2.62+00	403.7	6.74+04	406.2	3.36+05
650725	26757	3A	.02622	.02652	2.76+00	402.0	7.22+04	407.5	2.69+05
650725	27013	3A	.03027	.03041	2.78+00	404.4	7.08+04	408.1	2.18+05
650725	27269	3A	.03283	.03166	2.99+00	406.5	6.71+04	402.2	2.88+05
650725	27781	3A	.03017	.02989	2.68+00	405.3	6.79+04	407.2	2.82+05
650725	28037	3A	.02568	.02527	2.92+00	403.7	6.65+04	406.3	2.35+05
650725	28293	3A	.03195	.03254	2.64+00	403.3	8.27+04	404.8	2.80+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650725	28549	3A	.02719	.02826	2.65+00	402.6	7.72+04	402.3	2.48+05
650725	28805	3A	.02677	.02613	2.69+00	396.2	8.06+04	403.0	3.46+05
650725	29061	3A	.03124	.03148	2.92+00	404.1	7.09+04	402.7	2.00+05
650725	29317	3A	.03145	.03132	2.77+00	401.6	6.92+04	404.3	2.54+05
650725	29573	3A	.02634	.02692	3.15+00	405.7	7.04+04	410.0	2.33+05
650725	29829	3A	.03349	.03446	4.12+00	401.6	6.44+04	401.3	2.29+05
650725	30085	3A	.02776	.02767	3.26+00	404.4	7.90+04	409.9	3.32+05
650725	30341	3A	.03139	.03129	3.04+00	405.6	8.39+04	403.2	2.42+05
650725	30597	3A	.03180	.03186	3.34+00	403.7	8.02+04	403.2	2.50+05
650725	30853	3A	.02511	.02530	3.17+00	411.0	6.83+04	414.8	2.84+05
650725	31109	3A	.03282	.03333	3.03+00	407.4	8.20+04	411.4	2.88+05
650725	31365	3A	.02698	.02654	3.14+00	401.3	7.63+04	404.5	3.63+05
650725	31621	3A	.03381	.03312	3.21+00	402.5	7.78+04	407.4	3.24+05
650725	31877	3A	.02498	.02466	3.56+00	405.2	8.00+04	406.2	3.09+05
650725	32389	3A	.02992	.02969	4.04+00	403.2	8.55+04	404.2	3.05+05
650725	32645	3A	.02265	.02365	2.55+00	394.7	7.17+04	402.1	2.42+05
650725	34693	3A	.03326	.03202	2.87+00	390.4	6.98+04	416.6	3.68+05
650725	35205	3A	.02663	.02701	4.73+00	388.4	8.73+04	395.7	3.18+05
650725	43236	3A	.01358	.01700	5.86+00	386.7	1.36+05	401.9	2.32+05
650725	44772	3A	.02980	.03007	4.05+00	393.1	9.17+04	396.2	3.21+05
650725	45028	3A	.02866	.02906	5.09+00	385.2	1.31+05	383.7	2.93+05
650725	45284	3A	.03009	.03104	4.35+00	393.7	8.99+04	400.1	2.87+05
650725	45540	3A	.03014	.03026	4.25+00	387.0	6.78+04	388.0	2.37+05
650725	45796	3A	.03285	.03039	4.44+00	388.2	6.06+04	385.5	3.45+05
650725	46052	3A	.02698	.02755	4.79+00	384.6	6.94+04	387.4	2.39+05
650725	46308	3A	.03235	.03293	4.59+00	386.5	6.83+04	391.8	2.83+05
650725	46564	3A	.02759	.02770	4.83+00	384.6	7.66+04	386.7	2.83+05
650725	46820	3A	.03098	.02995	4.88+00	381.3	7.46+04	385.4	2.95+05
650725	47076	3A	.02646	.02655	4.96+00	379.2	8.16+04	383.7	2.07+05
650725	47332	3A	.02373	.02344	5.10+00	375.3	7.98+04	383.1	2.99+05
650725	47588	3A	.02630	.02562	4.92+00	372.0	8.72+04	378.6	3.03+05
650725	47844	3A	.02612	.02824	4.83+00	373.9	6.69+04	375.1	2.55+05
650725	48100	3A	.02845	.02797	4.94+00	375.4	5.78+04	374.7	2.90+05
650725	48356	3A	.02422	.02323	6.42+00	379.2	7.11+04	381.5	2.78+05
650725	48612	3A	.02360	.02324	3.83+00	382.6	8.26+04	384.7	2.96+05
650725	48868	3A	.02083	.02130	6.58+00	370.2	1.20+05	384.8	2.84+05
650725	49124	3A	.01618	.01721	5.14+00	371.6	1.17+05	389.4	2.23+05
650725	49380	3A	.02245	.02290	6.13+00	368.6	9.81+04	378.3	2.58+05
650725	49636	3A	.02392	.02580	4.89+00	380.4	9.25+04	384.0	3.01+05
650725	49892	3A	.03415	.03475	4.55+00	378.6	8.62+04	380.8	2.86+05
650725	50148	3A	.02499	.02514	4.64+00	380.1	7.90+04	383.3	2.87+05
650725	50404	3A	.02538	.02444	4.77+00	380.7	7.77+04	378.0	2.81+05
650725	50660	3A	.02739	.02766	4.40+00	382.3	7.44+04	382.4	2.38+05
650725	50916	3A	.02338	.02367	4.65+00	379.2	7.45+04	381.1	2.41+05
650725	51172	3A	.02376	.02413	4.54+00	380.2	7.97+04	383.0	3.03+05
650725	51428	3A	.01866	.01986	4.56+00	378.6	8.16+04	383.4	2.70+05
650725	51684	3A	.03168	.02828	4.42+00	377.2	7.15+04	375.5	3.12+05
650725	51940	3A	.03046	.03170	4.72+00	370.6	8.80+04	377.6	3.41+05
650725	52196	3A	.01607	.01645	7.78+00	382.9	7.72+04	385.8	2.69+05
650725	52984	3A	.01646	.01784	6.23+00	369.9	7.46+04	375.7	2.61+05
650725	53220	3A	.02250	.02330	6.19+00	365.7	8.39+04	372.3	2.37+05
650725	53476	3A	.03027	.02946	5.17+00	356.8	5.05+04	347.4	4.26+05
650725	53732	3A	.01570	.01686	4.73+00	359.9	8.53+04	368.9	2.32+05
650726	4955	3B	.03329	.03762	2.93+00	343.7	5.58+04	357.6	1.71+05
650726	5211	3B	.03604	.03789	5.07+00	372.5	8.09+04	373.2	3.29+05
650726	5487	3B	.05064	.05068	4.84+00	362.9	5.93+04	356.2	4.48+05
650726	5979	3B	.03285	.03158	4.91+00	375.7	5.85+04	353.7	2.13+05
650726	6235	3B	.04172	.04049	4.57+00	360.6	5.80+04	360.5	3.52+05
650726	6491	3B	.02884	.02812	4.81+00	369.9	8.27+04	371.5	2.81+05
650726	6747	3B	.03012	.03059	5.01+00	370.5	6.34+04	372.5	2.43+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
650726	7003	3B	.03479	.03519	4.98+00	369.8	6.17+04	375.7	2.84+05
650726	7259	3B	.03357	.03130	4.84+00	370.3	6.43+04	368.7	3.31+05
650726	7515	3B	.04500	.04398	3.28+00	355.3	6.02+04	354.3	4.14+05
650726	7771	3B	.02938	.02923	4.16+00	352.4	6.57+04	333.5	1.78+05
650726	8027	3B	.01285	.01370	6.72+00	336.7	8.65+04	355.8	1.62+05
650726	8283	3B	.03188	.03030	4.87+00	368.6	5.91+04	368.9	2.92+05
650726	8539	3B	.03199	.02986	4.91+00	367.5	5.09+04	365.2	2.87+05
650726	8795	3B	.03407	.03883	3.56+00	366.8	4.40+04	334.0	1.07+05
650726	9037	3B	.03016	.02996	5.21+00	367.9	4.32+04	379.7	2.84+05
650726	9563	3B	.02896	.02715	4.86+00	362.3	5.16+04	351.5	2.50+05
650726	9819	3B	.02776	.02824	5.26+00	363.3	6.48+04	369.1	2.43+05
650726	10075	3B	.03359	.03321	4.56+00	366.1	5.80+04	361.7	2.41+05
650726	10587	3B	.03459	.03262	5.21+00	369.7	5.47+04	362.5	2.23+05
650726	20251	3B	.03531	.03397	5.33+00	371.1	5.29+04	369.6	2.63+05
650726	21019	3B	.03536	.03575	5.22+00	372.1	5.77+04	371.8	2.55+05
650726	21275	3B	.03227	.03260	5.49+00	370.9	5.28+04	371.6	2.28+05
650726	21531	3B	.03589	.03576	5.47+00	369.5	4.75+04	366.8	2.05+05
650726	21787	3B	.03495	.03353	5.15+00	367.1	5.53+04	372.3	2.88+05
650726	22043	3B	.03513	.03362	4.87+00	370.8	4.95+04	367.8	2.43+05
650726	22289	3B	.03717	.03537	5.47+00	370.9	5.10+04	371.8	2.98+05
650726	22555	3B	.03161	.03064	5.22+00	371.9	4.86+04	369.2	2.69+05
650726	22811	3B	.03595	.03466	5.00+00	369.1	4.79+04	370.9	2.79+05
650726	23067	3B	.04573	.04087	4.73+00	370.2	4.78+04	368.8	3.67+05
650726	23323	3B	.03510	.03505	5.44+00	368.4	4.90+04	369.4	2.60+05
650726	23579	3B	.03623	.03442	5.16+00	367.3	5.01+04	365.5	2.83+05
650726	23835	3B	.04005	.04050	4.93+00	372.0	5.05+04	371.0	2.27+05
650726	24091	3B	.03581	.03403	4.74+00	369.4	4.59+04	366.7	2.86+05
650726	24347	3B	.03318	.03182	5.07+00	370.2	4.57+04	367.0	2.36+05
650726	24603	3B	.03587	.03389	5.11+00	369.8	5.23+04	368.9	2.89+05
650726	24859	3B	.03618	.03466	5.01+00	370.4	5.21+04	368.1	2.62+05
650726	25115	3B	.03068	.03033	4.93+00	361.8	4.22+04	362.2	2.77+05
650726	25371	3B	.03719	.03711	4.85+00	359.9	4.71+04	362.3	2.16+05
650726	29979	3B	.02985	.02633	5.90+00	361.4	5.36+04	361.0	3.39+05
650726	30236	3B	.03618	.03626	6.05+00	362.2	5.09+04	366.6	2.14+05
650726	31259	3B	.03624	.03355	5.78+00	358.2	5.04+04	356.7	2.63+05
650726	31515	3B	.03596	.03418	6.15+00	354.7	5.07+04	356.2	2.32+05
650726	31771	3B	.02267	.02052	6.01+00	357.8	4.48+04	354.5	3.31+05
650726	32027	3B	.02518	.02274	6.44+00	356.9	4.68+04	352.2	2.71+05
650726	32283	3B	.02525	.02148	5.48+00	355.9	4.39+04	354.1	3.20+05
650726	32539	3B	.02284	.02244	5.73+00	355.5	4.74+04	356.4	1.81+05
650726	32795	3B	.03277	.03246	6.80+00	357.2	4.42+04	359.5	1.96+05
650726	33051	3B	.03136	.02860	6.45+00	355.6	4.39+04	354.5	3.18+05
650726	33307	3B	.03497	.03446	6.03+00	357.1	4.62+04	357.4	1.85+05
650726	33563	3B	.03321	.03293	6.24+00	357.8	4.52+04	358.8	1.76+05
650726	33819	3B	.04118	.03918	5.49+00	367.7	4.70+04	363.4	2.68+05
650726	34075	3B	.03039	.03009	5.74+00	364.1	4.29+04	360.9	1.73+05
650726	34331	3B	.03187	.03127	6.33+00	361.9	5.17+04	362.7	2.09+05
650726	34587	3B	.03743	.03725	6.14+00	360.5	4.76+04	364.9	1.59+05
650726	34843	3B	.03905	.03684	5.53+00	366.9	4.81+04	362.6	2.56+05
650726	35099	3B	.04054	.04025	5.15+00	364.2	3.88+04	366.4	1.87+05
650726	35355	3B	.03489	.03456	5.58+00	371.6	5.24+04	358.9	1.90+05
650726	35611	3B	.04669	.04648	5.76+00	362.7	4.47+04	356.2	2.37+05
650726	36123	3B	.03669	.03525	5.77+00	360.8	4.29+04	360.9	2.52+05
650726	36379	3B	.02523	.02495	6.90+00	357.0	4.55+04	357.0	1.89+05
650726	36635	3B	.03285	.03225	5.68+00	356.5	4.62+04	358.2	1.78+05
650726	36891	3B	.03906	.03583	5.71+00	359.8	4.36+04	356.3	2.84+05
650726	37147	3B	.03114	.02951	5.77+00	357.8	4.85+04	354.9	2.04+05
650726	37403	3B	.02615	.02613	6.03+00	354.6	3.44+04	367.2	1.12+05
650726	37659	3B	.03252	.03229	4.80+00	365.2	4.28+04	353.6	1.75+05
650726	37915	3B	.04050	.04010	6.00+00	343.0	4.44+04	347.5	2.34+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650726	38171	3B	.03055	.03008	5.71+00	345.5	4.84+04	344.4	2.40+05
650726	38683	3B	.02348	.02312	5.62+00	342.6	4.26+04	344.2	1.69+05
650726	38939	3B	.02728	.02500	5.61+00	341.5	4.68+04	340.7	2.89+05
650726	39195	3B	.02304	.02313	5.44+00	345.4	5.53+04	340.3	1.60+05
650726	39707	3B	.01758	.01814	7.01+00	328.9	7.05+04	332.5	2.06+05
650726	39963	3B	.03778	.03603	4.34+00	344.1	3.82+04	340.3	2.25+05
650726	40219	3B	.03242	.03287	4.34+00	342.7	5.36+04	333.2	2.24+05
650726	40987	3B	.02426	.02726	4.77+00	333.0	5.27+04	342.6	1.84+05
650726	41243	3B	.01947	.02014	6.79+00	340.3	7.20+04	346.7	2.04+05
650726	42011	3B	.02676	.02771	2.57+00	340.0	5.69+04	347.9	2.24+05
650726	42267	3B	.00803	.00768	5.09+00	327.5	6.36+04	324.3	1.62+05
650726	42779	3B	.03131	.02804	5.78+00	326.9	3.77+04	334.5	2.80+05
650726	43291	3B	.02861	.02815	6.48+00	343.1	6.24+04	345.9	1.97+05
650726	43547	3B	.03180	.02946	6.20+00	344.8	6.72+04	345.4	3.25+05
650726	43803	3B	.03574	.03632	4.09+00	346.8	3.93+04	346.9	1.92+05
650726	44315	3B	.02250	.02204	6.36+00	339.7	5.16+04	339.7	1.99+05
650726	44571	3B	.02779	.02763	5.93+00	336.5	5.72+04	346.3	2.69+05
650726	44827	3B	.02363	.02154	6.64+00	346.1	5.06+04	338.8	2.88+05
650726	45083	3B	.02307	.02294	5.73+00	343.9	5.13+04	341.5	1.44+05
650726	45339	3B	.02372	.02420	4.57+00	335.6	5.30+04	352.1	2.15+05
650726	45851	3B	.01981	.01942	6.34+00	347.4	4.80+04	342.1	1.51+05
650726	46107	3B	.03438	.03442	5.47+00	336.1	4.96+04	332.5	2.58+05
650726	52507	3B	.02012	.01881	5.65+00	331.7	4.41+04	328.5	1.32+05
650726	52763	3B	.02005	.01851	5.79+00	328.9	4.79+04	324.8	1.18+05
650726	53019	3B	.02007	.01912	5.76+00	329.7	4.64+04	327.6	1.55+05
650726	53659	3B	.02595	.02521	5.49+00	331.7	4.45+04	328.9	1.38+05
650726	53787	3B	.02747	.02488	5.77+00	330.1	4.51+04	326.7	1.86+05
650726	54043	3B	.02244	.02529	6.36+00	325.9	5.00+04	325.9	1.41+05
650726	54553	3B	.02712	.02405	6.74+00	327.0	4.93+04	325.0	1.75+05
650726	54811	3B	.02320	.02465	6.56+00	324.0	4.70+04	322.5	1.81+05
650726	55067	3B	.01935	.01680	7.67+00	326.6	4.97+04	322.4	1.80+05
650726	55323	3B	.03102	.03073	5.87+00	325.1	4.57+04	331.0	1.27+05
650726	55579	3B	.04058	.03892	6.79+00	325.4	5.54+04	315.8	1.74+05
650726	55835	3B	.02001	.02033	5.84+00	322.2	4.75+04	329.9	1.43+05
650726	56091	3B	.02453	.02031	6.07+00	325.3	4.75+04	321.7	2.01+05
650726	56347	3B	.02061	.02184	6.70+00	325.2	4.83+04	324.8	1.43+05
650726	56689	3B	.01961	.02014	6.24+00	326.5	3.48+04	317.6	1.51+05
650726	57115	3B	.03095	.03022	6.90+00	321.0	4.47+04	316.9	1.65+05
650726	57371	3B	.01859	.01801	6.61+00	324.1	4.87+04	321.0	1.51+05
650726	57627	3B	.01720	.01489	6.44+00	324.7	4.77+04	321.7	1.61+05
650726	61724	3B	.01735	.01660	6.45+00	322.2	4.68+04	321.7	1.47+05
650726	61979	3B	.01765	.01965	5.97+00	323.1	4.59+04	321.8	1.18+05
650726	62491	3B	.01947	.01730	6.01+00	324.3	4.29+04	325.6	1.81+05
650726	62747	3B	.01874	.01785	6.30+00	325.3	4.32+04	327.1	1.63+05
650726	63004	3B	.02032	.02056	6.35+00	324.5	3.95+04	326.7	1.94+05
650726	63259	3B	.01769	.01561	6.84+00	325.6	3.58+04	321.6	1.48+05
650726	63515	3B	.01667	.01670	7.39+00	326.3	3.82+04	323.3	1.66+05
650726	63771	3B	.01570	.01478	7.47+00	323.9	3.80+04	326.6	1.26+05
650726	64283	3B	.02231	.02219	7.65+00	318.3	5.45+04	318.9	2.19+05
650726	64540	3B	.02893	.02534	7.48+00	320.6	5.26+04	312.6	2.35+05
650726	64795	3B	.01745	.01808	7.92+00	320.2	5.42+04	325.5	2.19+05
650726	65051	3B	.01584	.01422	5.24+00	330.6	3.15+04	310.0	1.40+05
650726	65307	3B	.01869	.02190	7.23+00	306.9	6.05+04	313.7	1.25+05
650726	65820	3B	.01836	.02142	8.02+00	311.1	5.59+04	311.1	1.44+05
650726	66075	3B	.02059	.02099	5.84+00	317.5	3.96+04	315.1	1.21+05
650726	66332	3B	.02408	.02406	5.97+00	312.1	3.48+04	302.4	1.61+05
650726	67355	3B	.03127	.03219	4.66+00	325.0	2.40+04	312.2	1.76+05
650726	67612	3B	.02261	.02297	6.44+00	331.8	3.86+04	327.9	1.20+05
650726	67867	3B	.02410	.02158	6.52+00	325.9	3.81+04	324.3	1.74+05
650726	68123	3B	.02231	.02332	6.47+00	323.1	4.53+04	328.4	2.14+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650726	68379	3B	.01823	.01867	6.62+00	322.6	4.64+04	319.5	1.23+05
650726	68636	3B	.02415	.02206	6.58+00	324.6	3.84+04	319.8	2.58+05
650726	68891	3B	.01602	.01713	6.18+00	324.0	3.78+04	322.6	6.55+04
650726	69404	3B	.01766	.01791	6.53+00	324.2	3.99+04	322.9	1.89+05
650726	69659	3B	.01849	.01959	6.75+00	324.0	4.24+04	327.7	1.53+05
650726	69916	3B	.03389	.03204	4.62+00	321.8	2.61+04	307.4	1.85+05
650726	70171	3B	.02576	.02316	6.10+00	329.2	3.58+04	325.0	1.47+05
650726	70426	3B	.04981	.04601	3.93+00	327.8	2.54+04	322.8	2.89+05
650726	70939	3B	.01673	.01619	6.11+00	317.1	4.59+04	309.9	1.43+05
650726	71196	3B	.01662	.01699	5.90+00	315.2	5.05+04	312.4	1.19+05
650726	71451	3B	.01970	.02067	6.23+00	318.2	5.00+04	314.6	1.50+05
650726	71708	3B	.01572	.01595	6.35+00	315.6	4.55+04	314.1	1.60+05
650726	72220	3B	.01351	.01416	7.02+00	313.9	5.36+04	313.9	1.53+05
650726	72476	3B	.01426	.01550	6.57+00	316.4	5.44+04	313.6	1.17+05
650726	72988	3B	.01932	.02035	6.68+00	306.9	5.03+04	301.9	1.36+05
650726	73243	3B	.01936	.01756	6.62+00	314.8	4.44+04	311.7	1.50+05
650726	73500	3B	.01687	.01745	7.80+00	306.8	4.08+04	304.6	1.37+05
650726	73756	3B	.02174	.02501	7.32+00	320.5	4.59+04	302.4	8.21+04
650726	77852	3B	.01136	.01198	6.54+00	315.8	3.94+04	310.5	4.64+04
650726	78108	3B	.00908	.00910	6.48+00	315.3	4.09+04	308.5	7.72+04
650726	78620	3B	.01148	.01151	7.14+00	313.0	4.93+04	306.9	8.40+04
650726	79132	3B	.01006	.00999	7.05+00	318.1	4.71+04	311.2	1.30+05
650726	79900	3B	.01233	.01261	6.58+00	308.7	4.38+04	307.8	1.09+05
650726	80156	3B	.01275	.01254	4.88+00	308.5	4.67+04	308.0	1.19+05
650726	80412	3B	.00061	.01210	6.98+00	309.1	5.12+04	299.2	7.05+04
650727	3996	3B	.02650	.01981	6.2T+00	303.9	3.15+04	299.7	1.78+05
650727	5020	3B	.01645	.01366	1.12+01	306.3	5.00+04	295.1	1.73+05
650727	5532	3B	.01116	.01136	1.16+01	312.3	3.85+04	309.6	1.12+05
650727	5532	3B	.01739	.01783	7.48+00	308.3	4.81+04	309.7	1.12+05
650727	5768	3B	.01188	.01077	1.40+01	313.3	3.43+04	297.4	1.77+05
650727	5788	3B	.01423	.01545	9.97+00	309.9	3.96+04	302.4	1.40+05
650727	6612	3B	.01653	.01986	1.21+01	302.7	4.21+04	301.8	1.26+05
650727	6612	3B	.02349	.02789	7.77+00	303.7	5.77+04	301.8	1.26+05
650727	7324	3B	.01768	.04320	7.57+00	309.5	6.70+04	297.3	4.19+04
650727	8604	3B	.01908	.02147	1.61+01	311.0	5.81+04	307.1	8.02+04
650727	9116	3B	.01641	.02288	8.99+00	313.7	6.03+04	309.4	8.37+04
650727	15772	3B	.01425	.01414	1.30+01	308.9	4.76+04	307.2	1.09+05
650727	16028	3B	.01593	.01935	1.37+01	309.1	4.76+04	305.7	1.02+05
650727	16348	3B	.01407	.01633	1.37+01	310.9	4.40+04	306.7	8.34+04
650727	16604	3B	.01289	.01505	1.37+01	307.9	4.26+04	306.9	8.93+04
650727	16860	3B	.01182	.01159	1.41+01	309.0	4.07+04	306.7	8.13+04
650727	17116	3B	.01610	.01698	1.46+01	310.9	3.87+04	305.1	8.54+04
650727	17372	3B	.01620	.01658	1.61+01	310.7	4.38+04	313.2	1.04+05
650727	18652	3B	.01354	.01362	1.61+01	311.6	4.18+04	309.4	7.29+04
650727	18652	3B	.02648	.02659	8.24+00	311.8	6.32+04	309.4	7.29+04
650727	18908	3B	.01974	.02036	8.38+00	310.3	6.68+04	309.3	9.03+04
650727	19184	3B	.01418	.01352	1.66+01	309.7	4.15+04	308.2	1.02+05
650727	19184	3B	.02458	.02336	9.58+00	308.7	5.73+04	308.2	1.02+05
650727	20444	3B	.01215	.01219	1.62+01	314.9	3.55+04	314.8	9.37+04
650727	20956	3B	.01052	.01073	1.66+01	315.2	3.82+04	314.8	8.35+04
650727	21468	3B	.01185	.01221	1.59+01	309.4	3.48+04	309.1	7.97+04
650727	21468	3B	.01913	.02361	8.95+00	313.3	5.02+04	309.9	7.49+04
650727	21724	3B	.03350	.03565	8.45+00	307.6	4.99+04	308.0	7.97+04
650727	21980	3B	.01244	.01228	2.06+01	314.4	4.30+04	310.5	7.50+04
650727	21980	3B	.02361	.02328	1.98+01	316.4	6.42+04	310.5	7.50+04
650727	22236	3B	.01557	.01455	1.80+01	315.2	3.83+04	309.7	1.20+05
650727	22236	3B	.02965	.02782	9.33+00	316.9	5.62+04	309.7	1.20+05
650727	22492	3B	.02659	.02301	1.00+01	318.6	5.80+04	307.8	1.54+05
650727	22748	3B	.04123	.03951	1.11+01	325.5	6.77+04	323.0	1.62+05
650727	23260	3B	.02014	.01644	1.74+01	324.3	5.90+04	318.0	1.65+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650727	23516	3B	.01686	.01680	2.48+01	326.6	4.55+04	324.2	1.04+05
650727	23772	3B	.01403	.01346	2.57+01	323.6	4.82+04	319.7	1.54+05
650727	24028	3B	.01623	.01441	2.38+01	326.1	4.64+04	322.6	1.31+05
650727	24540	3B	.01546	.01495	2.62+01	327.7	4.44+04	326.9	1.59+05
650727	24540	3B	.03113	.02996	1.31+01	326.6	6.94+04	326.9	1.59+05
650727	24796	3B	.01422	.01409	2.70+01	326.6	4.12+04	326.5	1.20+05
650727	24796	3B	.03170	.03137	1.21+01	326.2	6.78+04	326.5	1.20+05
650727	25052	3B	.01568	.01551	2.38+01	326.0	4.56+04	323.2	1.01+05
650727	25052	3B	.03065	.03016	1.23+01	323.5	6.66+04	323.2	1.01+05
650727	25308	3B	.01485	.01465	2.25+01	324.0	4.41+04	321.4	1.20+05
650727	25308	3B	.02828	.02787	1.18+01	320.6	6.28+04	321.4	1.20+05
650727	25564	3B	.01610	.01607	2.38+01	324.5	4.32+04	321.2	1.01+05
650727	25564	3B	.03219	.03206	1.20+01	320.5	6.42+04	321.2	1.01+05
650727	25820	3B	.01401	.01398	2.51+01	324.7	4.17+04	323.3	1.20+05
650727	25820	3B	.02862	.02851	1.25+01	320.2	6.03+04	323.3	1.20+05
650727	26364	3B	.02007	.01915	2.44+01	325.3	4.58+04	321.9	1.42+05
650727	27356	3B	.04706	.04715	1.02+01	321.5	5.48+04	325.2	6.38+04
650727	27612	3B	.02228	.02194	2.20+01	322.0	4.16+04	323.7	1.16+05
650727	27868	3B	.01312	.01304	2.69+01	317.5	4.24+04	319.1	1.16+05
650727	27868	3B	.03235	.03187	1.10+01	316.2	5.58+04	318.7	1.24+05
650727	28124	3B	.01738	.01702	2.33+01	320.9	3.98+04	313.7	9.40+04
650727	28380	3B	.02151	.02137	2.10+01	323.3	4.20+04	324.7	7.87+04
650727	28380	3B	.03920	.03945	1.15+01	319.9	5.45+04	325.2	6.96+04
650727	28636	3B	.02231	.02186	2.48+01	327.0	3.81+04	324.1	9.62+04
650727	28636	3B	.04506	.04482	1.22+01	323.8	5.36+04	324.9	6.29+04
650727	28892	3B	.01783	.01776	2.13+01	323.5	3.66+04	324.2	8.89+04
650727	29146	3B	.01841	.01787	1.98+01	324.0	3.84+04	322.4	1.01+05
650727	29404	3B	.01935	.01922	1.94+01	322.2	3.76+04	323.3	6.23+04
650727	29660	3B	.02410	.02286	1.86+01	319.6	3.53+04	319.0	1.20+05
650727	29916	3B	.02469	.02460	1.51+01	322.1	3.74+04	322.1	9.24+04
650727	29916	3B	.04941	.04976	7.55+00	318.1	4.83+04	322.5	6.76+04
650727	30172	3B	.02090	.01970	1.35+01	321.9	3.72+04	319.9	1.65+05
650727	30940	3B	.01617	.01598	1.67+01	326.8	4.20+04	329.1	1.08+05
650727	32220	3B	.01436	.01421	1.38+01	330.4	3.78+04	332.6	1.05+05
650727	32476	3B	.02610	.02599	6.49+00	330.7	5.85+04	334.7	1.40+05
650727	32732	3B	.01732	.01664	1.62+01	329.1	3.82+04	324.5	1.40+05
650727	32988	3B	.02224	.02108	1.65+01	338.2	4.37+04	335.3	1.82+05
650727	33244	3B	.02137	.02141	1.61+01	336.8	4.90+04	336.2	1.37+05
650727	33500	3B	.02106	.02086	1.39+01	339.8	4.84+04	340.7	1.37+05
650727	33756	3B	.03340	.03216	1.44+01	343.5	4.06+04	342.1	9.96+04
650727	33756	3B	.05436	.05163	6.92+00	339.9	4.95+04	341.9	1.06+05
650727	34012	3B	.02680	.02670	1.45+01	352.3	4.30+04	354.7	1.43+05
650727	34012	3B	.04858	.04832	7.99+00	352.9	8.59+04	354.7	1.43+05
650727	34268	3B	.02382	.02367	1.61+01	349.6	4.44+04	351.0	1.18+05
650727	34268	3B	.04157	.04127	9.27+00	347.9	6.49+04	351.0	1.18+05
650727	34524	3B	.03408	.03390	1.37+01	352.5	4.45+04	352.6	1.24+05
650727	34524	3B	.05880	.05839	7.93+00	353.7	6.56+04	352.6	1.24+05
650727	34780	3B	.03345	.03327	1.56+01	347.0	4.32+04	348.4	1.03+05
650727	35036	3B	.02842	.02635	1.20+01	364.6	4.81+04	361.8	1.93+05
650727	35292	3B	.03362	.03222	1.24+01	357.4	4.69+04	353.9	1.75+05
650727	35548	3B	.03592	.03438	1.26+01	352.9	5.30+04	351.5	1.86+05
650727	35804	3B	.03231	.03218	1.28+01	348.2	4.85+04	349.6	1.23+05
650727	36060	3B	.02411	.02291	1.42+01	347.4	5.00+04	345.6	1.85+05
650727	36316	3B	.03659	.03632	1.42+01	351.0	6.00+04	350.8	1.86+05
650727	36316	3B	.05428	.05376	9.61+00	350.5	8.25+04	350.8	1.86+05
650727	37340	3B	.04024	.04411	1.66+01	344.4	8.49+04	350.7	1.91+05
650727	37652	3B	.05658	.05873	1.55+01	355.7	9.61+04	355.4	2.18+05
650727	38108	3B	.05903	.05321	1.46+01	356.7	8.66+04	353.1	2.92+05
650727	38364	3B	.04991	.04457	1.48+01	353.4	8.07+04	349.5	2.54+05
650727	38876	3B	.06530	.05941	1.55+01	353.8	9.13+04	350.9	2.51+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650727	39380	3B	.06202	.06343	1.46+01	357.3	9.46+04	356.5	2.05+05
650727	44252	3B	.03205	.03660	1.04+01	405.1	1.36+05	421.5	4.51+05
650727	45020	3B	.04203	.04769	1.01+01	407.1	1.65+05	420.3	3.87+05
650727	45276	3B	.04744	.05360	9.96+00	404.3	1.65+05	426.6	4.44+05
650727	45532	3B	.04174	.05525	1.00+01	408.8	1.94+05	433.8	4.52+05
650727	45788	3B	.04465	.05299	8.66+00	407.9	1.57+05	430.8	3.39+05
650727	46044	3B	.04211	.03788	8.26+00	405.8	1.44+05	422.8	4.07+05
650727	46300	3B	.04160	.03978	8.55+00	401.4	1.28+05	415.6	4.38+05
650727	46556	3B	.03899	.04439	8.94+00	408.2	1.65+05	433.1	4.44+05
650727	46812	3B	.04713	.04236	8.78+00	402.9	1.59+05	428.9	4.35+05
650727	47068	3B	.04043	.04385	9.40+00	412.3	1.95+05	437.9	4.12+05
650727	47324	3B	.04968	.04450	9.15+00	407.3	1.59+05	429.2	4.38+05
650727	47580	3B	.03613	.04183	8.33+00	413.3	1.90+05	432.5	3.33+05
650727	47836	3B	.03266	.01830	1.01+01	426.7	2.55+05	463.7	5.39+05
650727	48800	3B	.04523	.05241	1.14+01	440.4	2.00+05	468.3	6.55+05
650727	49116	3B	.03889	.04360	1.04+01	452.8	2.05+05	480.6	5.18+05
650727	49372	3B	.04491	.06163	1.03+01	454.5	2.10+05	481.3	5.37+05
650727	50396	3B	.04250	.05000	1.21+01	454.9	2.19+05	491.3	5.90+05
650727	51676	3B	.04335	.04572	1.11+01	458.7	1.83+05	483.7	5.44+05
650727	52444	3B	.05930	.05715	1.20+01	463.0	1.87+05	483.5	5.21+05
650727	59612	3B	.06398	.07119	8.84+00	449.4	1.93+05	481.2	5.84+05
650727	69888	3B	.06332	.06852	9.89+00	449.1	1.85+05	477.0	5.38+05
650727	60124	3B	.05661	.06560	8.69+00	450.0	1.97+05	480.6	5.29+05
650727	60380	3B	.05836	.06554	8.81+00	451.3	1.84+05	480.3	4.45+05
650727	60636	3B	.06577	.06921	9.80+00	447.2	1.71+05	474.4	5.25+05
650727	61148	3B	.06532	.07024	9.23+00	446.5	1.83+05	472.5	5.58+05
650727	61660	3B	.06191	.06385	8.11+00	440.0	1.65+05	471.4	5.33+05
650727	62172	3B	.05924	.06783	9.27+00	447.2	1.93+05	480.0	5.50+05
650727	62428	3B	.06674	.06931	8.59+00	446.7	1.79+05	474.6	5.77+05
650729	20161	3A	.02701	.02595	3.35+00	574.6	2.16+05	572.2	7.17+05
650729	20929	3A	.03891	.03272	3.39+00	566.5	2.31+05	589.0	1.15+06
650729	21185	3A	.02973	.03018	3.73+00	572.7	2.49+05	612.8	1.02+06
650729	22977	3A	.02997	.02816	4.91+00	570.1	2.55+05	610.9	1.38+06
650729	27841	3A	.03680	.03801	4.12+00	570.3	2.71+05	631.3	8.33+05
650729	28609	3A	.03665	.03925	4.30+00	561.4	4.29+05	619.9	1.44+06
650729	26865	3A	.03747	.04249	4.59+00	575.8	4.17+05	616.0	9.43+05
650729	29121	3A	.04525	.05757	3.86+00	566.9	4.46+05	616.1	7.35+05
650729	29377	3A	.05151	.05315	3.40+00	579.3	3.59+05	619.1	1.10+06
650729	30401	3A	.05034	.05113	3.18+00	566.2	4.45+05	592.9	1.15+06
650729	32705	3A	.04864	.05117	3.36+00	580.0	4.22+05	607.5	1.12+06
650729	33217	3A	.05084	.04797	2.99+00	580.3	3.52+05	624.5	1.24+06
650729	33473	3A	.04256	.04222	3.02+00	586.4	3.24+05	636.7	1.21+06
650729	35009	3A	.02975	.03169	3.45+00	581.1	1.87+05	599.3	1.16+06
650729	35265	3A	.03002	.03064	3.70+00	576.2	2.04+05	611.0	1.12+06
650729	35521	3A	.03500	.03181	3.25+00	573.0	2.15+05	599.3	1.42+06
650729	35777	3A	.03688	.03659	3.08+00	574.0	2.51+05	609.0	1.11+06
650729	36033	3A	.03780	.04000	2.77+00	572.6	2.95+05	611.4	1.03+06
650729	42433	3A	.03786	.03757	3.17+00	584.7	2.03+05	593.0	6.49+05
650729	57025	3A	.04559	.04932	3.28+00	574.6	3.71+05	600.8	7.07+05
650729	57793	3A	.05503	.05780	1.31+00	566.7	2.02+05	620.1	7.38+05
650729	64961	3A	.07459	.07972	2.60+00	572.6	2.66+05	613.9	1.02+06
650729	69057	3A	.04579	.05144	3.58+00	580.3	2.32+05	596.9	1.04+06
650729	72897	3A	.02573	.02499	2.64+00	584.6	2.64+05	611.1	1.23+06
650729	75869	3A	.01622	.01643	2.46+00	578.8	2.92+05	616.2	8.33+05
650729	76225	3A	.01654	.01973	2.50+00	585.7	2.98+05	598.4	1.18+06
650730	67569	3B	.04220	.04479	1.39+00	505.8	1.46+05	526.2	7.48+05
650731	113	3B	.00667	.02777	2.68+00	477.9	1.73+05	512.5	8.74+05
650731	1905	3B	.01369	.01390	2.78+00	473.9	1.46+05	470.2	5.07+05
650731	2929	3B	.01553	.05662	2.59+00	460.9	1.54+05	467.6	8.45+05
650731	4721	3B	.00545	.00670	2.62+00	490.4	1.58+05	513.6	5.27+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VOL.	P TEMP	A VEL	A TEMP
650731	4977	3B	.00920	.01066	2.86+00	478.3	1.59+05	505.8	6.84+05
650731	7105	3B	.01761	.01765	2.57+00	487.1	9.14+04	487.1	5.49+05
650731	7361	3B	.01435	.01388	2.89+00	484.9	1.26+05	492.0	6.07+05
650731	7818	3B	.01018	.01025	2.77+00	484.0	9.32+04	490.4	5.60+05
650731	9153	3B	.01633	.01627	2.32+00	482.2	8.35+04	483.5	5.70+05
650731	9410	3B	.01074	.01081	2.66+00	486.9	1.08+05	496.8	5.00+05
650731	9666	3B	.01149	.01136	2.58+00	478.6	1.04+05	497.3	8.08+05
650731	9921	3B	.01402	.01424	2.76+00	472.3	9.27+04	489.2	6.73+05
650731	10178	3B	.01460	.02869	2.76+00	482.6	1.18+05	482.1	7.01+05
650731	11458	3B	.01431	.01469	3.78+00	458.4	1.62+05	500.0	7.52+05
650731	16834	3B	.01919	.02031	2.18+00	447.9	8.02+04	445.9	5.92+05
650731	17090	3B	.01647	.01597	2.55+00	504.9	1.13+05	494.0	7.23+05
650731	17346	3B	.01716	.01609	2.58+00	482.5	7.87+04	483.1	7.86+05
650731	18882	3B	.01308	.01652	2.47+00	429.8	8.93+04	444.8	4.11+05
650731	19394	3B	.01362	.01506	2.25+00	484.2	7.95+04	481.7	4.10+05
650731	21166	3B	.01160	.00956	2.37+00	467.6	9.51+04	491.1	7.38+05
650731	21442	3B	.01361	.01350	2.34+00	458.2	8.62+04	471.7	4.24+05
650731	21954	3B	.01685	.01746	2.31+00	448.4	8.85+04	457.6	5.28+05
650731	23746	3B	.01335	.02648	2.74+00	484.2	1.02+05	493.4	9.10+05
650731	24002	3B	.01022	.01184	3.27+00	439.4	1.33+05	469.1	6.16+05
650731	24258	3B	.01026	.03006	2.63+00	441.9	1.31+05	457.8	7.50+05
650731	24514	3B	.00501	.00506	3.84+00	452.4	1.49+05	502.1	4.51+05
650731	24770	3B	.00612	.00594	2.94+00	444.6	1.14+05	466.6	4.80+05
650731	25026	3B	.00711	.00845	3.28+00	442.9	1.59+05	469.7	4.90+05
650731	31682	3B	.00914	.00896	2.83+00	452.4	1.25+05	492.3	1.16+05
650731	31938	3B	.00918	.00901	2.60+00	457.9	1.31+05	473.1	8.23+05
650731	32194	3B	.01374	.01419	2.68+00	453.5	1.25+05	461.4	4.96+05
650731	33730	3B	.01039	.01094	2.47+00	452.4	1.30+05	485.3	8.61+05
650731	33936	3B	.01275	.01364	2.27+00	478.5	1.43+05	489.4	5.52+05
650731	34242	3B	.01425	.01269	2.58+00	458.8	1.18+05	477.0	7.51+05
650731	34498	3B	.00911	.00737	2.62+00	462.2	1.06+05	453.2	2.49+05
650731	36034	3B	.01175	.02473	2.92+00	456.6	1.52+05	465.0	8.92+05
650731	36546	3B	.01633	.01295	3.23+00	460.3	1.02+05	461.1	5.72+05
650731	36802	3B	.01157	.01148	3.68+00	451.9	1.08+05	461.1	5.34+05
650731	37058	3B	.01396	.01380	2.86+00	453.1	1.10+05	460.3	4.74+05
650731	38338	3B	.01689	.01585	2.41+00	444.5	9.36+04	444.2	5.14+05
650731	38594	3B	.00974	.01030	2.13+00	452.5	9.50+04	460.8	4.70+05
650731	38850	3B	.00940	.00960	2.21+00	444.2	1.02+05	473.5	4.32+05
650731	39618	3B	.01041	.01032	3.38+00	448.3	1.23+05	473.7	9.15+05
650731	67266	3B	.03611	.03019	2.38+00	418.4	7.83+04	413.9	5.10+05
650731	67522	3B	.03146	.03174	2.76+00	414.2	1.02+05	418.2	4.19+05
650731	67776	3B	.02891	.02812	2.39+00	418.6	9.55+04	447.2	6.42+05
650731	68034	3B	.01580	.02809	2.83+00	412.2	1.11+05	400.8	1.82+05
650803	22941	3A	.05729	.05762	4.81+00	379.2	4.14+04	380.4	2.51+05
650803	23197	3A	.05676	.05911	4.63+00	373.3	4.87+04	376.3	2.53+05
650803	23453	3A	.05481	.05241	4.82+00	376.5	4.79+04	378.1	3.13+05
650803	23709	3A	.05470	.05439	5.29+00	374.5	5.62+04	377.8	3.10+05
650803	28061	3A	.05982	.06036	4.46+00	350.8	6.43+04	362.9	2.57+05
650803	28317	3A	.06226	.06103	4.40+00	364.7	5.17+04	366.3	2.67+05
650803	28573	3A	.05305	.04915	5.26+00	353.2	6.01+04	365.8	2.71+05
650803	28829	3A	.05707	.05639	4.66+00	351.4	6.34+04	363.2	2.64+05
650803	29085	3A	.04274	.04270	5.10+00	371.0	4.98+04	369.7	2.20+05
650803	29341	3A	.06824	.06736	4.73+00	354.8	6.01+04	369.0	3.38+05
650803	30365	3A	.05298	.05284	5.01+00	368.4	4.93+04	366.3	2.03+05
650803	30621	3A	.06278	.05971	4.55+00	356.2	4.88+04	360.6	2.68+05
650803	32413	3A	.06597	.06562	4.61+00	369.4	4.37+04	378.8	4.76+05
650803	32669	3A	.05625	.05574	4.73+00	372.7	4.25+04	375.4	2.52+05
650803	32925	3A	.04568	.04517	4.74+00	368.6	4.45+04	372.3	2.76+05
650803	33181	3A	.05029	.04983	5.57+00	372.1	4.75+04	367.7	2.25+05
650803	33437	3A	.05271	.05208	5.00+00	369.8	4.25+04	369.7	2.33+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
650803	36509	3A	.05149	.05043	5.34+00	356.0	5.69+04	360.3	2.20+05
650803	36765	3A	.05726	.05847	4.94+00	348.8	5.30+04	352.8	2.14+05
650803	37021	3A	.06890	.06965	4.55+00	347.8	5.41+04	350.1	2.54+05
650803	42397	3A	.05696	.05096	3.27+00	360.6	3.31+04	355.3	5.45+05
650803	42653	3A	.04693	.04599	4.67+00	357.2	4.59+04	360.4	1.92+05
650803	42909	3A	.04480	.04554	4.20+00	343.6	5.19+04	356.7	1.59+05
650803	43165	3A	.03604	.03837	5.05+00	342.0	6.37+04	345.1	1.68+05
650803	44445	3A	.05377	.05183	5.32+00	357.8	4.93+04	363.7	2.34+05
650803	44701	3A	.04061	.03886	5.93+00	360.5	6.22+04	351.7	1.75+05
650803	45213	3A	.06537	.06605	6.65+00	352.5	6.61+04	350.5	1.96+05
650803	45469	3A	.06128	.06256	7.07+00	350.4	6.84+04	356.6	2.53+05
650803	47005	3A	.05667	.05482	7.30+00	352.4	5.78+04	356.7	2.19+05
650803	47261	3A	.06120	.06220	7.41+00	352.2	5.11+04	354.7	1.69+05
650803	47517	3A	.05287	.05346	7.05+00	354.2	5.11+04	354.3	2.25+05
650803	47773	3A	.06746	.06536	4.63+00	360.0	6.91+04	360.0	2.78+05
650803	49309	3A	.06240	.06301	6.73+00	358.3	5.06+04	360.8	2.01+05
650803	49565	3A	.12068	.12101	3.83+00	343.8	5.24+04	358.0	1.75+05
650803	49821	3A	.05540	.05684	6.03+00	350.1	7.49+04	355.3	2.18+05
650803	60061	3A	.01668	.01978	5.18+00	356.8	1.34+05	359.9	2.14+05
650803	60317	3A	.05818	.06172	5.18+00	391.6	9.51+04	398.8	3.81+05
650803	60573	3A	.05427	.05592	5.73+00	396.8	8.33+04	401.4	3.51+05
650803	62621	3A	.06771	.06792	3.69+00	367.7	7.12+04	377.5	2.51+05
650803	62877	3A	.06173	.06048	4.76+00	386.9	7.22+04	392.6	3.12+05
650803	63133	3A	.06346	.06363	4.44+00	378.0	7.84+04	390.3	2.78+05
650803	63389	3A	.07363	.07566	4.75+00	379.2	8.17+04	386.4	3.45+05
650803	64925	3A	.06599	.06888	4.90+00	373.8	7.76+04	385.7	2.94+05
650803	77213	3A	.04249	.04093	4.14+00	389.0	5.06+04	387.6	2.78+05
650803	77469	3A	.05338	.05310	4.30+00	386.6	4.62+04	393.1	2.32+05
650803	84125	3A	.05860	.06019	4.11+00	374.6	4.85+04	374.8	2.25+05
650803	84381	3A	.05201	.04975	4.68+00	368.3	6.70+04	376.5	2.07+05
650804	29	3A	.05543	.05320	4.63+00	376.5	7.02+04	376.6	2.42+05
650804	285	3A	.04261	.04608	4.66+00	378.5	7.85+04	380.4	1.95+05
650804	4125	3A	.06885	.07816	4.04+00	370.5	7.58+04	361.5	2.56+05
650804	42435	3B	.02853	.02992	7.85+00	353.1	1.04+05	372.2	6.20+05
650804	42691	3B	.05254	.05693	4.77+00	351.5	1.19+05	380.5	3.18+05
650804	57539	3B	.05827	.05797	6.56+00	377.8	9.68+04	387.1	2.83+05
650804	57795	3B	.05833	.06037	6.50+00	378.0	9.06+04	386.7	3.52+05
650804	58051	3B	.06035	.05979	6.29+00	363.7	9.49+04	389.5	3.02+05
650804	59843	3B	.06550	.06481	6.92+00	393.2	6.98+04	393.3	2.65+05
650804	60099	3B	.06802	.06771	6.97+00	391.5	6.16+04	396.1	2.46+05
650804	60355	3B	.06594	.06846	6.39+00	395.1	8.32+04	391.7	2.50+05
650804	60611	3B	.06184	.06098	6.43+00	382.0	7.95+04	388.5	2.63+05
650804	60867	3B	.07465	.07735	6.33+00	380.9	7.37+04	386.9	2.49+05
650804	62659	3B	.10166	.10199	6.96+00	375.0	8.27+04	376.5	2.70+05
650804	62915	3B	.06669	.07259	6.41+00	377.7	9.79+04	381.7	2.29+05
650804	63171	3B	.07587	.07933	5.65+00	369.2	8.66+04	375.6	2.92+05
650804	64707	3B	.05764	.05990	6.52+00	374.2	8.36+04	379.6	2.34+05
650804	67011	3B	.06270	.06540	6.80+00	367.7	8.93+04	370.3	2.52+05
650804	67267	3B	.06319	.06416	6.57+00	374.0	8.42+04	379.8	3.16+05
650804	67523	3B	.06346	.06454	6.66+00	378.5	7.48+04	380.7	2.77+05
650804	67779	3B	.07501	.07666	6.86+00	376.9	8.77+04	380.3	2.78+05
650804	68035	3B	.05177	.05274	6.06+00	363.9	9.62+04	376.6	2.14+05
650804	69315	3B	.05147	.05492	7.31+00	364.8	8.69+04	381.0	2.32+05
650804	69571	3B	.06628	.06428	6.44+00	367.1	7.41+04	370.7	2.73+05
650804	69827	3B	.06013	.05922	5.28+00	354.3	8.16+04	388.0	2.17+05
650804	70083	3B	.06370	.06447	5.86+00	366.4	7.90+04	374.0	2.33+05
650804	70339	3B	.06016	.06237	5.65+00	366.9	8.74+04	370.6	2.79+05
650804	72131	3B	.05569	.05663	5.94+00	359.9	8.55+04	370.6	1.95+05
650804	72387	3B	.07321	.07036	4.42+00	358.7	9.82+04	370.1	2.97+05
650804	72643	3B	.06079	.06672	4.73+00	358.8	8.51+04	368.9	2.14+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650804	72899	3B	.06927	.06777	4.83+00	358.2	7.60+04	370.6	1.63+05
650804	74435	3B	.05020	.05087	6.74+00	360.4	6.96+04	362.5	2.25+05
650805	2915	3B	.04567	.04749	7.51+00	362.9	8.03+04	376.3	1.74+05
650805	3139	3B	.07445	.07244	5.95+00	356.2	7.26+04	353.2	2.57+05
650805	3395	3B	.06040	.06242	5.97+00	356.5	6.59+04	354.5	2.63+05
650805	4675	3B	.06420	.06427	5.32+00	376.4	5.94+04	377.6	2.38+05
650805	4931	3B	.05855	.05870	6.23+00	362.3	7.84+04	376.7	2.10+05
650805	5187	3B	.05355	.05367	6.56+00	374.6	6.33+04	373.7	2.06+05
650805	5443	3B	.06175	.06189	6.26+00	366.5	6.56+04	370.0	2.18+05
650805	5699	3B	.07072	.07045	5.63+00	376.3	7.42+04	371.2	2.12+05
650805	7491	3B	.06476	.06548	5.56+00	373.6	5.08+04	374.6	1.97+05
650805	8003	3B	.06485	.06405	5.69+00	373.9	5.20+04	367.3	2.33+05
650805	8259	3B	.06111	.06083	5.74+00	369.7	5.22+04	368.3	2.06+05
650805	12867	3B	.06850	.06651	5.36+00	366.1	4.90+04	364.1	1.70+05
650805	13123	3B	.06131	.06137	5.35+00	366.1	4.58+04	369.7	1.93+05
650805	14659	3B	.05757	.05730	5.44+00	355.2	5.50+04	360.2	2.06+05
650805	14915	3B	.05957	.05646	5.44+00	356.5	5.92+04	357.6	2.46+05
650805	15171	3B	.06091	.06079	5.22+00	356.6	5.16+04	358.5	2.41+05
650805	15427	3B	.05950	.05756	5.27+00	357.3	5.56+04	360.0	2.03+05
650805	16963	3B	.06492	.06175	5.33+00	350.9	6.97+04	354.3	2.34+05
650805	17219	3B	.07407	.06871	5.40+00	354.4	5.99+04	355.6	2.54+05
650805	17731	3B	.06332	.06300	5.97+00	362.3	5.12+04	359.3	1.94+05
650805	18243	3B	.06609	.06222	5.87+00	361.9	5.02+04	361.1	2.85+05
650805	18499	3B	.04994	.04650	6.05+00	360.6	5.67+04	354.2	2.58+05
650805	18755	3B	.04227	.04249	6.17+00	358.6	6.47+04	359.2	1.81+05
650805	31555	3B	.03828	.03962	7.50+00	348.7	5.68+04	347.7	1.75+05
650805	31811	3B	.04320	.04265	7.62+00	348.5	6.13+04	345.9	1.41+05
650805	32067	3B	.04055	.04081	8.16+00	351.5	6.13+04	351.1	1.67+05
650805	32323	3B	.03518	.03525	6.94+00	347.0	6.36+04	351.4	1.76+05
650805	33859	3B	.04173	.04220	7.60+00	344.8	5.68+04	345.3	1.69+05
650805	34115	3B	.04855	.04564	7.14+00	340.6	5.46+04	341.7	2.31+05
650805	34371	3B	.04155	.04142	5.98+00	340.1	6.32+04	336.0	1.53+05
650805	34627	3B	.03744	.03748	6.86+00	344.2	5.43+04	342.9	1.81+05
650805	36163	3B	.03764	.03760	7.49+00	334.1	6.90+04	341.9	2.40+05
650805	36419	3B	.04851	.05034	5.72+00	339.1	5.41+04	336.5	1.96+05
650805	36875	3B	.04084	.04085	6.68+00	336.8	5.67+04	341.5	2.37+05
650805	36931	3B	.04558	.04517	6.48+00	335.1	5.94+04	338.9	2.04+05
650805	37187	3B	.03288	.03297	8.16+00	336.1	5.89+04	340.9	2.35+05
650805	39491	3B	.03068	.03062	8.89+00	346.7	6.33+04	353.1	1.58+05
650805	39747	3B	.04730	.04698	6.99+00	361.0	3.87+04	366.1	2.38+05
650805	44099	3B	.04323	.04171	5.84+00	338.7	4.78+04	338.8	2.22+05
650805	44355	3B	.04309	.04242	6.38+00	333.7	5.06+04	335.6	1.52+05
650805	45891	3B	.03892	.03931	6.73+00	342.6	4.68+04	347.3	1.86+05
650805	46147	3B	.04399	.04403	6.28+00	340.5	5.01+04	344.6	1.91+05
650805	46659	3B	.04195	.04106	6.15+00	342.2	4.72+04	340.0	1.53+05
650805	46915	3B	.04570	.04595	5.81+00	341.8	5.58+04	342.7	1.79+05
650805	47171	3B	.04412	.04511	5.96+00	348.6	4.77+04	347.4	1.66+05
650805	47427	3B	.04518	.04341	6.39+00	353.1	4.14+04	349.6	1.53+05
650805	64323	3B	.08003	.08539	4.41+00	359.4	8.67+04	361.5	2.10+05
650805	64635	3B	.04456	.04351	4.85+00	358.5	8.12+04	356.8	2.26+05
650805	65091	3B	.07124	.07500	5.08+00	372.3	7.17+04	360.2	2.04+05
650805	67907	3B	.07775	.07666	4.18+00	376.7	5.13+04	376.8	2.20+05
650805	81987	3B	.07518	.07357	5.22+00	372.7	3.65+04	372.6	1.44+05
650805	82499	3B	.07681	.07637	4.38+00	372.5	3.38+04	370.6	1.43+05
650805	82755	3B	.06966	.06963	4.29+00	376.6	3.71+04	375.3	1.58+05
650805	83267	3B	.09407	.09069	3.80+00	367.4	4.80+04	370.5	2.02+05
650806	2243	3B	.07431	.07393	4.31+00	372.2	3.75+04	373.1	1.68+05
650806	2499	3B	.08066	.07999	4.14+00	375.0	3.48+04	377.2	1.71+05
650806	4291	3B	.09776	.09746	4.43+00	353.0	4.01+04	368.5	1.91+05
650807	51609	3A	.06461	.06401	6.64+00	414.3	1.31+05	426.9	4.61+05

DATE	TIME	SD	APR1	APR2	DENSITY	P_VEL	P_TEMP	A_VEL	A_TEMP
650807	51865	3A	.04135	.12279	6.93+00	413.5	2.61+05	438.9	5.82+05
650807	52121	3A	.04167	.04245	7.66+00	416.2	1.86+05	438.7	4.93+05
650807	54169	3A	.04379	.04239	6.82+00	401.2	1.86+05	420.4	4.88+05
650807	65689	3A	.04159	.04445	5.96+00	459.2	2.34+05	486.6	6.01+05
650807	68969	3A	.02934	.03002	4.65+00	463.9	2.27+05	498.0	5.76+05
650807	67225	3A	.04613	.04599	4.57+00	460.4	2.04+05	481.0	5.76+05
650807	67993	3A	.04016	.04476	4.67+00	460.2	2.29+05	489.1	5.73+05
650807	68249	3A	.03803	.04005	4.58+00	456.6	2.05+05	483.7	6.49+05
650807	73113	3A	.04276	.04620	4.23+00	457.4	1.67+05	474.2	4.54+05
650807	73369	3A	.03810	.03434	4.66+00	455.7	1.63+05	472.1	5.94+05
650807	74649	3A	.04192	.04361	4.81+00	463.6	1.21+05	463.1	4.79+05
650807	75417	3A	.02843	.02926	4.92+00	458.9	1.71+05	477.5	3.85+05
650807	75673	3A	.03600	.03445	4.74+00	455.8	1.71+05	475.5	4.99+05
650807	75929	3A	.03710	.04053	4.76+00	454.5	1.60+05	472.8	5.73+05
650807	86169	3A	.03984	.11603	4.52+00	434.9	2.06+05	448.8	5.89+05
650808	25		.04055	.04244	6.81+00	445.5	1.92+05	460.7	5.67+05
650808	193	3A	.03758	.07864	6.59+00	456.2	1.64+05	455.6	5.58+05
650808	1049	3A	.02840	.02919	6.63+00	446.0	1.92+05	475.2	5.40+05
650808	1305	3A	.02605	.02776	6.33+00	457.6	1.63+05	479.3	4.82+05
650808	16409	3A	.02052	.02202	4.70+00	439.7	2.53+05	472.0	3.62+05
650808	16665	3A	.01810	.01833	6.36+00	420.2	2.24+05	448.8	4.93+05
650808	17945	3A	.02271	.02571	7.43+00	450.8	1.77+05	467.2	5.52+05
650808	18201	3A	.02026	.02284	7.04+00	451.6	1.69+05	467.4	6.29+05
650808	18457	3A	.02009	.07042	6.62+00	460.8	2.07+05	484.2	5.27+05
650808	18713	3A	.02080	.02562	7.23+00	457.4	2.03+05	490.4	5.73+05
650808	18969	3A	.01669	.07636	6.81+00	457.9	2.42+05	503.3	6.42+05
650808	20505	3A	.02773	.07399	5.94+00	457.3	2.09+05	480.4	1.06+08
650808	20761	3A	.02199	.02363	6.43+00	460.5	1.93+05	484.3	5.77+05
650808	21C17	3A	.02434	.02574	6.46+00	462.8	2.00+05	478.6	4.49+05
650808	21273	3A	.02496	.02430	6.24+00	462.9	2.07+05	499.5	6.36+05
650808	23321	3A	.01443	.09286	6.98+00	459.4	2.76+05	496.6	6.70+05
650808	23577	3A	.02225	.02346	6.62+00	457.4	1.91+05	478.8	4.93+05
650808	24089	3A	.01822	.01960	4.87+00	460.2	1.91+05	486.7	5.61+05
650808	24857	3A	.02006	.02017	6.16+00	445.4	1.80+05	484.9	7.00+05
650808	25113	3A	.02338	.02573	6.47+00	452.1	2.43+05	490.6	6.73+05
650808	37657	3A	.03083	.03071	4.57+00	431.5	1.31+05	440.2	4.78+05
650808	37913	3A	.02934	.02369	3.97+00	419.3	2.19+05	424.4	4.60+05
650808	39705	3A	.02788	.05666	6.85+00	426.5	1.62+05	436.7	5.03+05
650808	39961	3A	.02018	.04681	7.31+00	431.7	1.92+05	441.3	4.96+05
650808	40473	3A	.03005	.03121	5.92+00	424.2	1.59+05	429.5	5.40+05
650808	40729	3A	.03078	.02645	6.63+00	421.6	1.43+05	431.4	6.61+05
650808	42777	3A	.01652	.01692	6.19+00	422.9	1.19+05	447.7	5.47+05
650808	43033	3A	.03441	.02302	5.59+00	427.8	1.44+05	430.2	5.71+05
650808	44825	3A	.02185	.02167	6.30+00	428.6	1.58+05	437.1	3.57+05
650808	45337	3A	.02889	.02803	4.75+00	395.5	1.13+05	410.6	5.17+05
650808	47128	3A	.02410	.02201	4.38+00	425.4	1.36+05	445.9	4.34+05
650808	47384	3A	.02378	.02414	5.53+00	413.5	1.33+05	449.8	5.66+05
650808	47896	3A	.04154	.04181	2.94+00	427.0	1.23+05	435.7	6.24+05
650808	49432	3A	.02509	.02454	6.69+00	422.2	1.48+05	430.5	4.28+05
650808	49688	3A	.02500	.02547	6.15+00	427.5	1.22+05	429.0	4.70+05
650808	49944	3A	.02564	.02646	6.48+00	427.0	1.30+05	427.2	3.68+05
650808	50200	3A	.02692	.02757	6.42+00	415.2	1.21+05	428.0	4.38+05
650808	51738	3A	.02936	.02949	4.55+00	415.1	1.15+05	423.3	4.18+05
650808	51992	3A	.02762	.02704	4.35+00	416.0	1.11+05	419.8	4.02+05
650808	52248	3A	.03679	.03213	4.46+00	420.3	1.03+05	417.8	6.33+05
650808	52504	3A	.03260	.03618	4.20+00	410.6	1.13+05	421.9	4.15+05
650808	52760	3A	.02939	.02980	5.14+00	414.1	1.26+05	429.7	6.11+05
650808	54040	3A	.03876	.03692	4.94+00	425.6	9.10+04	427.0	3.63+05
650808	54296	3A	.03709	.03513	4.97+00	420.1	8.69+04	422.6	3.81+05
650808	54552	3A	.04215	.03892	4.70+00	424.1	9.40+04	425.8	4.19+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650808	54808	3A	.03435	.03590	4.61+00	423.2	8.71+04	423.7	3.68+05
650808	55064	3A	.04020	.03750	4.66+00	423.1	9.15+04	423.8	3.94+05
650808	56856	3A	.03513	.03591	5.91+00	431.3	1.45+05	428.7	3.32+05
650808	57368	3A	.01990	.01584	9.41+00	425.1	1.68+05	435.3	3.30+05
650808	59160	3A	.02723	.02840	4.73+00	428.3	1.18+05	438.9	4.53+05
650808	59416	3A	.03358	.03451	4.52+00	430.2	1.11+05	433.7	4.58+05
650808	59672	3A	.03084	.03088	4.50+00	427.4	1.01+05	429.8	3.98+05
650808	59928	3A	.03450	.03404	4.25+00	425.4	1.02+05	431.6	5.53+05
650808	61464	3A	.03066	.02676	4.38+00	430.0	9.10+04	430.1	4.74+05
650808	61720	3A	.03436	.03169	4.03+00	427.0	8.50+04	427.2	5.58+05
650808	61976	3A	.03096	.03020	4.20+00	427.7	9.24+04	428.6	4.31+05
650808	62232	3A	.03051	.02956	4.40+00	428.7	8.47+04	432.8	4.24+05
650809	13892	3B	.02949	.02616	3.58+00	446.1	1.08+05	447.9	4.68+05
650809	15684	3B	.02477	.02190	4.22+00	447.9	1.13+05	443.7	3.30+05
650809	15940	3B	.02889	.02663	5.92+00	447.7	1.20+05	454.4	5.55+05
650809	16708	3B	.03661	.03308	3.96+00	442.6	9.18+04	440.8	6.55+05
650809	18244	3B	.03408	.03644	5.31+00	441.9	9.82+04	442.6	4.10+05
650809	18500	3B	.03912	.03720	4.86+00	442.3	9.85+04	443.0	4.69+05
650809	18756	3B	.03701	.03433	5.22+00	440.7	7.15+04	433.2	6.05+05
650809	19012	3B	.04007	.03797	4.72+00	435.6	8.18+04	433.8	5.35+05
650809	20548	3B	.03241	.03207	4.72+00	432.0	9.07+04	432.2	5.23+05
650809	20804	3B	.04066	.03593	4.86+00	434.9	1.17+05	433.7	5.02+05
650809	21060	3B	.04422	.04336	4.38+00	443.4	8.70+04	438.6	5.89+05
650809	21316	3B	.03936	.03571	5.08+00	439.6	1.15+05	438.6	5.43+05
650809	21572	3B	.03622	.03642	4.69+00	444.6	8.91+04	437.6	5.26+05
650809	22852	3B	.03641	.03304	4.55+00	431.3	7.88+04	424.0	5.34+05
650809	23108	3B	.03071	.03027	4.63+00	432.0	7.68+04	430.2	4.29+05
650809	23364	3B	.03331	.03029	4.86+00	429.5	9.21+04	422.6	5.30+05
650809	23620	3B	.03214	.02797	5.17+00	428.4	8.88+04	419.4	5.79+05
650809	23876	3B	.02540	.02289	5.02+00	427.9	9.13+04	433.8	4.56+05
650809	24132	3B	.02669	.02603	4.38+00	432.2	8.84+04	438.7	3.62+05
650809	24644	3B	.03114	.03045	4.25+00	430.6	8.94+04	419.4	3.66+05
650809	24900	3B	.02504	.02419	4.86+00	424.6	8.41+04	430.0	4.74+05
650809	25156	3B	.02546	.02535	5.25+00	440.0	8.53+04	436.8	4.98+05
650809	25412	3B	.03063	.02874	4.39+00	432.1	8.33+04	427.8	4.74+05
650809	29508	3B	.02884	.02416	5.89+00	419.3	9.05+04	414.3	5.65+05
650809	29764	3B	.02213	.02172	5.27+00	435.5	9.93+04	418.8	2.82+05
650809	30020	3B	.02760	.02760	5.62+00	435.3	9.31+04	433.7	5.12+05
650809	30276	3B	.02581	.02564	5.89+00	434.0	1.01+05	435.2	5.32+05
650809	30532	3B	.02093	.02261	6.21+00	436.6	1.14+05	441.7	4.13+05
650809	32324	3B	.01933	.01931	6.51+00	433.7	1.35+05	443.5	5.35+05
650809	32580	3B	.01578	.03264	5.24+00	422.4	1.56+05	439.9	5.79+05
650809	32836	3B	.02080	.02188	5.20+00	431.8	1.49+05	448.0	4.51+05
650809	34684	3B	.01845	.01537	5.51+00	422.5	1.92+05	440.5	3.94+05
650809	35140	3B	.02252	.02267	4.99+00	413.2	1.32+05	430.2	5.89+05
650809	48452	3B	.01471	.06610	3.70+00	421.0	2.00+05	470.5	5.02+05
650809	49732	3B	.02808	.07269	4.37+00	431.5	1.84+05	452.7	7.38+05
650809	51524	3B	.02384	.02714	2.58+00	437.7	1.59+05	461.2	4.22+05
650809	53572	3B	.01220	.01719	4.89+00	451.6	1.03+05	469.3	4.53+05
650809	53828	3B	.02345	.01762	3.88+00	447.6	1.60+05	457.3	5.64+05
650809	54340	3B	.01636	.02042	4.25+00	445.7	1.87+05	464.5	5.58+05
650809	54596	3B	.02394	.02510	3.80+00	458.6	1.89+05	479.9	5.71+05
650809	55876	3B	.02290	.02484	4.46+00	455.1	2.09+05	465.8	5.99+05
650809	56132	3B	.02010	.02036	4.77+00	452.4	2.35+05	476.4	4.60+05
650809	56388	3B	.02872	.02720	3.84+00	460.2	1.88+05	479.0	6.54+05
650809	56644	3B	.02294	.02410	3.87+00	452.7	2.25+05	476.4	4.86+05
650809	56900	3B	.02068	.02341	4.17+00	442.6	2.78+05	489.0	5.60+05
650809	58436	3B	.02716	.02633	4.76+00	437.2	2.42+05	461.3	4.94+05
650809	58692	3B	.02306	.02859	3.88+00	422.2	1.92+05	473.0	7.90+05
650809	59204	3B	.02377	.02665	4.45+00	428.3	2.05+05	471.4	5.29+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VOL	P TEMP	A VOL	A TEMP
650809	61508	3B	.02476	.02471	5.47+00	442.4	2.29+05	477.8	5.89+05
650809	61764	3B	.01686	.05915	5.55+00	425.0	2.34+05	493.8	5.25+05
650809	63044	3B	.02249	.02092	6.07+00	415.4	1.68+05	454.9	9.57+05
650809	63300	3B	.01732	.05730	5.17+00	425.4	2.36+05	485.9	5.30+05
650809	63556	3B	.02559	.02724	5.40+00	422.4	2.16+05	475.0	5.57+05
650809	63812	3B	.02299	.02799	5.31+00	425.2	2.18+05	480.3	6.60+05
650809	64068	3B	.02349	.02602	5.69+00	429.7	2.08+05	477.2	6.50+05
650809	64908	3B	.03206	.03453	4.11+00	421.3	1.81+05	466.7	5.87+05
650809	68932	3B	.03246	.10026	4.18+00	415.2	2.08+05	468.0	3.96+05
650809	70468	3B	.04034	.04157	3.83+00	437.5	1.32+05	457.1	4.09+05
650809	70724	3B	.03764	.04016	4.12+00	435.3	1.36+05	455.6	4.22+05
650809	73540	3B	.03885	.04544	4.12+00	426.3	1.36+05	462.5	5.55+05
650809	75076	3B	.02861	.03352	4.03+00	420.6	1.67+05	460.8	6.23+05
650809	77636	3B	.03371	.08840	4.94+00	423.2	1.47+05	433.3	7.00+05
650809	78148	3B	.03620	.03698	3.99+00	436.4	1.09+05	458.8	4.89+05
650809	78404	3B	.03605	.03878	3.79+00	430.3	9.23+04	461.0	4.45+05
650809	80452	3B	.03830	.04162	3.83+00	420.8	1.43+05	454.8	4.42+05
650810	10832	3B	.02539	.03473	4.86+00	458.9	1.02+05	469.6	4.45+05
650810	21840	3B	.04241	.04409	3.53+00	437.7	1.13+05	458.7	5.66+05
650810	22352	3B	.04201	.04161	3.22+00	434.4	1.16+05	448.8	4.12+05
650810	22608	3B	.05059	.05153	3.17+00	435.6	9.68+04	454.0	4.45+05
650810	22864	3B	.04898	.04927	3.58+00	426.1	1.29+05	455.1	5.90+05
650810	35152	3B	.03734	.03739	3.88+00	427.9	8.94+04	452.6	3.97+05
650810	36944	3B	.03533	.03627	3.88+00	413.6	1.03+05	417.7	3.22+05
650810	37712	3B	.03443	.03685	4.03+00	410.9	1.10+05	426.3	4.18+05
650810	39760	3B	.04369	.04321	3.48+00	415.2	1.09+05	430.8	5.33+05
650810	43856	3B	.03592	.03600	3.29+00	444.7	7.67+04	445.0	3.75+05
650810	44112	3B	.03866	.03685	3.51+00	444.0	8.35+04	446.5	4.45+05
650810	44624	3B	.03553	.03528	3.24+00	428.7	9.63+04	441.3	3.30+05
650810	44880	3B	.04613	.04660	3.22+00	436.3	7.03+04	443.0	3.80+05
650810	46928	3B	.02507	.02498	5.50+00	423.5	1.35+05	452.9	4.04+05
650810	49488	3B	.04127	.04563	4.15+00	407.9	1.06+05	430.7	4.03+05
650810	63568	3B	.03387	.03444	2.81+00	431.2	6.98+04	447.2	3.86+05
650812	22772	3A	.05420	.05619	4.22+00	387.4	6.90+04	398.4	2.51+05
650812	28916	3A	.05403	.05515	4.76+00	396.1	6.69+04	404.1	2.54+05
650812	57076	3A	.08175	.08179	5.09+00	381.0	8.13+04	361.9	2.67+05
650812	57332	3A	.04979	.04971	4.80+00	383.7	8.57+04	372.7	2.05+05
650812	59636	3A	.05900	.06037	4.84+00	376.1	7.23+04	363.2	2.76+05
650812	59892	3A	.08312	.08234	3.86+00	376.3	7.44+04	365.7	2.61+05
650812	60148	3A	.06798	.06590	4.15+00	386.9	5.39+04	368.8	2.39+05
650812	60404	3A	.05619	.05481	4.40+00	383.8	5.62+04	387.1	2.19+05
650812	61940	3A	.07670	.07454	4.41+00	379.7	4.58+04	380.9	2.16+05
650812	62452	3A	.06193	.06170	4.66+00	382.5	4.77+04	382.1	2.15+05
650812	62708	3A	.05719	.05711	4.60+00	381.5	5.64+04	385.5	2.04+05
650812	72692	3A	.03879	.03913	4.25+00	387.7	7.66+04	377.4	1.91+05
650812	72948	3A	.04110	.04105	3.72+00	374.2	5.47+04	386.7	2.61+05
650812	73204	3A	.05432	.05489	3.30+00	378.4	6.35+04	383.9	2.30+05
650812	74228	3A	.08875	.08867	2.49+00	354.7	5.26+04	388.6	3.92+05
650812	74740	3A	.05316	.05380	3.03+00	375.7	5.24+04	367.0	2.41+05
650813	7540	3A	.02693	.02715	3.25+00	381.5	3.75+04	382.5	1.79+05
650813	8564	3A	.04144	.04257	3.68+00	371.5	4.88+04	376.1	1.72+05
650813	8820	3A	.03100	.03029	3.45+00	362.5	4.35+04	366.3	2.63+05
650813	9076	3A	.03380	.03447	3.61+00	360.5	5.03+04	368.4	2.46+05
650813	9332	3A	.02787	.02726	3.63+00	367.1	4.31+04	368.4	2.10+05
650813	9588	3A	.03104	.03150	3.64+00	361.7	5.60+04	367.1	2.13+05
650813	10868	3A	.03081	.03015	4.73+00	361.6	6.09+04	365.2	2.50+05
650813	11124	3A	.03204	.03198	4.44+00	362.1	6.71+04	363.8	2.75+05
650813	11836	3A	.03141	.02983	3.95+00	360.5	5.18+04	356.0	2.63+05
650813	11892	3A	.04325	.04428	3.77+00	365.6	6.91+04	376.5	3.26+05
650813	13684	3A	.03270	.03232	3.66+00	358.5	5.53+04	363.2	2.78+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650813	13940	3A	.02187	.02092	3.41+00	357.1	4.94+04	351.4	1.65+05
650813	14106	3A	.02153	.01924	3.68+00	355.6	5.63+04	347.9	2.27+05
650813	15732	3A	.02124	.02284	3.31+00	351.1	6.15+04	356.5	2.29+05
650813	15988	3A	.02305	.02657	3.16+00	351.6	6.90+04	351.9	2.27+05
650813	16244	3A	.02545	.02506	3.16+00	354.1	5.22+04	347.8	2.39+05
650813	16500	3A	.02265	.02427	3.06+00	347.2	6.06+04	349.8	2.53+05
650813	18035	3A	.02488	.02485	3.30+00	348.3	7.62+04	347.5	2.57+05
650813	18547	3A	.02907	.02719	3.13+00	350.7	6.86+04	349.3	2.26+05
650813	18804	3A	.02350	.02119	3.13+00	358.4	4.36+04	351.4	2.81+05
650813	19059	3A	.02994	.02684	4.10+00	344.2	6.72+04	343.0	1.98+05
650813	20505	3A	.01858	.01776	3.18+00	354.2	5.03+04	349.9	2.24+05
650813	20851	3A	.01688	.01945	3.95+00	348.6	6.80+04	354.0	1.98+05
650813	21107	3A	.01475	.01627	3.92+00	350.2	7.11+04	349.9	2.64+05
650813	23923	3A	.01784	.02111	3.03+00	326.7	5.94+04	330.0	6.01+04
650813	25459	3A	.01906	.02197	3.15+00	342.6	8.47+04	342.5	2.02+05
650813	29811	3A	.02627	.02691	2.86+00	341.9	3.51+04	343.2	1.64+05
650813	30067	3A	.03050	.02959	2.85+00	348.3	4.27+04	341.8	1.98+05
650813	30323	3A	.02420	.02529	2.92+00	342.2	4.43+04	347.5	2.00+05
650813	46963	3A	.03731	.03714	5.29+00	335.7	3.73+04	335.3	1.25+05
650813	47219	3A	.04570	.04327	4.77+00	334.2	4.03+04	333.0	1.56+05
650813	47475	3A	.04053	.04051	4.11+00	345.1	2.98+04	345.1	1.84+05
650813	47731	3A	.04067	.04113	5.48+00	342.9	3.70+04	342.6	1.63+05
650813	47987	3A	.04191	.04077	5.34+00	339.1	3.62+04	340.2	1.88+05
650813	48243	3A	.04142	.04244	5.62+00	338.6	4.37+04	332.2	1.32+05
650813	50547	3A	.03779	.03246	3.35+00	349.6	2.62+04	333.2	3.34+05
650813	55155	3A	.02176	.02195	5.01+00	341.9	4.10+04	345.1	8.27+04
650813	55411	3A	.05915	.05823	3.66+00	327.9	3.32+04	344.0	1.43+05
650813	57459	3A	.04625	.04518	5.73+00	326.0	3.35+04	323.3	1.36+05
650813	57971	3A	.03618	.03603	4.92+00	341.4	2.97+04	345.7	1.09+05
650813	60275	3A	.05995	.05636	3.28+00	344.6	3.16+04	336.1	1.72+05
650813	60531	3A	.02760	.02766	5.57+00	334.3	4.42+04	352.9	1.26+05
650813	61811	3A	.04557	.04541	3.27+00	319.9	1.91+04	303.5	1.08+05
650813	63059	3A	.02177	.02149	7.16+00	347.1	3.85+04	350.0	1.26+05
650813	83315	3A	.02512	.02472	6.71+00	339.7	4.21+04	343.4	1.41+05
650813	83571	3A	.02264	.02168	6.73+00	343.8	3.84+04	339.1	1.86+05
650813	86131	3A	.03252	.03252	5.45+00	348.3	4.60+04	347.8	1.71+05
650814	337	3B	.02749	.02728	7.43+00	351.8	4.80+04	346.2	1.86+05
650814	593	3B	.02198	.02312	6.84+00	343.5	5.18+04	333.3	1.82+05
650814	649	3B	.02235	.02337	5.30+00	354.1	3.49+04	348.0	2.07+05
650814	1105	3B	.04212	.04180	6.03+00	357.6	3.57+04	357.3	1.73+05
650814	1267	3A	.02397	.02454	6.56+00	350.7	4.91+04	351.3	1.40+05
650814	2641	3B	.01433	.01398	9.73+00	353.9	4.20+04	354.4	1.47+05
650814	2897	3B	.01342	.01327	9.61+00	357.2	4.13+04	353.5	1.25+05
650814	3153	3B	.01107	.01117	1.27+01	349.6	5.19+04	349.3	1.29+05
650814	3409	3B	.01383	.01283	8.90+00	351.1	4.31+04	347.8	2.05+05
650814	35409	3B	.00575	.00602	3.53+00	432.8	1.93+05	483.1	8.68+05
650814	47953	3B	.00494	.00476	2.57+00	469.6	2.25+05	506.8	9.53+05
650814	54097	3B	.00408	.01481	2.91+00	441.9	2.04+05	521.8	1.18+06
650814	54353	3B	.00358	.00616	2.77+00	438.1	2.19+05	460.5	4.96+05
650814	59985	3B	.00675	.01848	2.24+00	429.9	1.54+05	466.7	9.74+05
650814	60497	3B	.00652	.01719	2.63+00	430.0	1.65+05	435.7	5.55+05
650814	61009	3B	.00462	.01506	2.65+00	428.4	1.45+05	428.7	4.34+05
650815	16365	3B	.00666	.00621	3.31+00	345.6	4.75+04	364.6	3.07+05
650815	18641	3B	.01254	.01233	4.64+00	348.1	7.30+04	365.5	4.00+05
650815	20433	3B	.02610	.02494	3.26+00	328.7	7.77+04	355.5	3.49+05
650815	22993	3B	.02024	.02466	3.21+00	340.2	6.40+04	349.9	3.04+05
650815	28369	3B	.01017	.01022	4.41+00	370.2	7.09+04	380.1	2.73+05
650815	30417	3B	.01147	.01165	4.36+00	362.6	9.93+04	375.7	3.18+05
650815	30673	3B	.00923	.00741	4.48+00	362.1	8.20+04	360.9	2.14+05
650815	31145	3B	.01284	.01345	3.48+00	362.3	7.49+04	369.7	4.35+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
650815	32721	3B	.00994	.01037	4.14+00	374.1	1.14+05	380.6	3.15+05
650815	33233	3B	.01016	.01115	4.03+00	368.1	8.37+04	373.9	2.47+05
650815	33469	3B	.01016	.01067	4.06+00	369.1	8.27+04	375.0	3.60+05
650815	35025	3B	.00915	.01092	3.98+00	362.1	9.00+04	374.7	2.42+05
650815	35281	3B	.01090	.01134	3.90+00	363.0	9.25+04	374.7	2.28+05
650815	35537	3B	.01462	.01572	4.02+00	366.2	8.93+04	368.7	2.28+05
650815	35793	3B	.00762	.00558	4.48+00	373.2	9.84+04	378.9	2.73+05
650815	37841	3B	.07040	.07108	2.25+00	327.0	8.44+04	331.2	2.10+05
650815	38097	3B	.00560	.00386	4.05+00	365.4	1.20+05	390.8	1.99+05
650817	6048	3A	.09544	.10062	5.53+00	361.9	9.13+04	373.5	1.61+05
650817	9840	3A	.15171	.14468	4.17+00	358.4	5.54+04	343.6	5.80+05
650817	10096	3A	.25626	.18737	3.84+00	361.9	8.43+04	357.6	6.46+05
650817	12400	3A	.10835	.11399	4.38+00	356.6	7.77+04	362.6	2.04+05
650817	15216	3A	.09948	.08630	4.94+00	341.9	4.10+04	350.8	3.78+05
650817	17264	3A	.16951	.19113	2.94+00	343.7	1.52+05	367.7	1.73+05
650817	17776	3A	.15791	.15538	4.89+00	344.7	6.86+04	357.2	2.06+05
650817	19312	3A	.12311	.11316	4.83+00	346.3	5.49+04	348.8	3.88+05
650817	19568	3A	.18798	.19383	3.19+00	347.5	6.61+04	350.9	3.61+05
650817	20080	3A	.22493	.24010	3.17+00	337.4	4.21+04	320.6	5.29+05
650817	21872	3A	.05390	.05999	5.09+00	357.7	5.63+04	362.6	3.32+05
650817	21872	3A	.05472	.05967	5.12+00	357.6	5.59+04	362.1	3.35+05
650817	29552	3A	.10353	.11039	3.64+00	352.1	5.93+04	359.4	3.08+05
650817	29808	3A	.10579	.10553	3.97+00	365.6	5.41+04	371.5	2.37+05
650817	31600	3A	.12866	.12765	4.96+00	343.8	2.86+04	336.5	2.77+05
650817	36208	3A	.09276	.09322	4.73+00	368.9	5.27+04	359.8	1.80+05
650817	36976	3A	.09108	.09138	3.64+00	362.8	3.66+04	377.1	1.92+05
650817	39280	3A	.10291	.10576	3.11+00	367.0	4.82+04	370.8	2.11+05
650817	64111	3A	.07251	.09221	4.82+00	339.0	1.23+05	357.0	3.75+05
650817	74351	3A	.02403	.06142	4.25+00	347.4	1.24+05	354.5	3.05+05
650817	74607	3A	.02711	.06446	4.42+00	346.8	1.20+05	360.5	4.37+05
650817	15375	3A	.03975	.09254	4.21+00	345.7	1.22+05	359.8	4.26+05
650817	76911	3A	.02238	.02682	4.24+00	351.9	1.19+05	374.7	2.23+05
650817	76191	3A	.02348	.02400	3.88+00	363.0	9.15+04	375.8	2.87+05
650817	78447	3A	.02820	.02818	4.51+00	374.1	8.24+04	372.2	2.94+05
650818	17847	3A	.01896	.01753	4.43+00	339.9	8.25+04	352.8	2.88+05
650818	19439	3A	.02629	.02741	4.20+00	339.0	7.03+04	356.2	3.95+05
650818	19695	3A	.02333	.02312	4.45+00	338.5	7.40+04	356.2	2.06+05
650818	19951	3A	.02467	.02498	4.25+00	335.6	6.81+04	351.9	3.39+05
650818	20207	3A	.02887	.02998	4.16+00	336.1	6.75+04	351.9	2.55+05
650818	20463	3A	.02695	.02683	4.30+00	337.1	7.29+04	347.9	3.09+05
650818	22255	3A	.02078	.02207	4.28+00	335.6	7.24+04	352.9	2.44+05
650818	22511	3A	.02186	.02224	4.32+00	336.7	7.30+04	347.5	3.03+05
650818	41199	3A	.02137	.02042	5.50+00	344.6	4.51+04	327.0	2.50+05
650818	41455	3A	.03528	.03704	4.38+00	341.7	4.66+04	341.1	2.00+05
650818	44015	3A	.03592	.03571	4.85+00	322.7	3.93+04	329.8	1.58+05
650818	46319	3A	.04418	.04276	5.31+00	339.5	4.06+04	336.8	2.25+05
650818	48111	3A	.04807	.04877	6.20+00	335.5	4.43+04	328.5	1.49+05
650818	48210	3B	.04087	.04079	8.42+00	354.9	5.77+04	348.0	1.63+05
650818	48367	3A	.04474	.04336	8.57+00	346.9	5.60+04	348.0	1.94+05
650818	48466	3B	.04610	.04558	8.62+00	352.6	5.35+04	344.0	1.50+05
650818	48722	3B	.04920	.04702	8.72+00	354.7	5.58+04	338.4	2.18+05
650818	49234	3B	.03281	.03229	1.31+01	369.1	7.38+04	359.4	2.20+05
650818	50415	3A	.02925	.02987	7.95+00	370.7	6.68+04	371.1	1.38+05
650818	50514	3B	.02732	.02500	9.35+00	376.1	8.00+04	372.0	2.04+05
650818	50671	3A	.01909	.01907	1.02+01	371.6	8.00+04	374.1	1.41+05
650818	50770	3B	.02481	.02474	9.98+00	388.0	5.74+04	382.7	1.24+05
650818	50927	3A	.02137	.01980	1.15+01	372.7	8.06+04	369.5	1.56+05
650818	51026	3B	.02870	.02819	1.04+01	390.2	6.22+04	391.9	1.24+05
650818	51026	3B	.07493	.06075	4.18+00	386.7	9.61+04	389.6	1.65+05
650818	51282	3B	.02970	.02653	9.70+00	385.5	5.82+04	378.0	2.46+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650818	51538	3B	.02726	.02738	1.00+01	381.5	5.82+04	378.6	1.24+05
650818	51695	3A	.02573	.02359	1.06+01	388.5	5.86+04	375.2	1.71+05
650818	51951	3A	.02764	.02737	9.87+00	368.3	6.81+04	382.4	1.28+05
650818	53330	3B	.04629	.04617	1.62+01	390.4	6.48+04	388.1	1.34+05
650818	53566	3B	.03879	.03651	1.43+01	388.1	6.75+04	386.3	1.45+05
650818	57071	3A	.04010	.04004	2.26+01	388.6	6.75+04	392.2	1.65+05
650818	57426	3B	.07529	.07536	2.28+01	395.0	6.11+04	395.8	1.44+05
650818	57583	3A	.06197	.06187	2.36+01	391.1	6.46+04	392.9	1.57+05
650818	57682	3B	.03590	.03513	2.55+01	392.7	6.98+04	397.5	2.75+05
650818	57839	3A	.03177	.03141	2.49+01	380.7	7.52+04	379.5	3.01+05
650818	58095	3A	.03114	.03169	2.54+01	379.2	7.50+04	376.2	2.42+05
650818	58450	3B	.04206	.04206	2.25+01	385.6	7.76+04	389.1	2.11+05
650818	58607	3A	.03616	.03500	2.54+01	384.2	7.40+04	386.9	2.25+05
650818	58706	3B	.02088	.02018	2.68+01	395.7	6.39+04	400.6	1.97+05
650818	60143	3A	.03504	.03356	2.21+01	386.4	7.96+04	388.8	2.93+05
650818	60143	3A	.06838	.06514	1.13+01	387.8	1.06+05	388.8	2.93+05
650818	60242	3B	.03069	.03045	2.54+01	388.2	6.07+04	390.1	2.13+05
650818	60399	3A	.02988	.02960	2.40+01	388.9	7.88+04	390.7	1.93+05
650818	60399	3A	.07331	.07180	9.58+00	392.5	1.31+05	390.3	1.78+05
650818	60655	3A	.03330	.03338	2.51+01	387.9	7.28+04	395.3	1.58+05
650818	60754	3B	.03620	.03608	2.45+01	390.5	6.16+04	395.9	2.08+05
650818	60911	3A	.03829	.03784	2.22+01	388.6	7.73+04	393.9	1.85+05
650818	60911	3A	.07232	.07121	1.17+01	391.6	9.95+04	393.9	1.85+05
650818	61010	3B	.04916	.04937	2.59+01	391.7	6.51+04	393.2	1.12+05
650818	62546	3B	.06474	.06463	1.47+01	391.7	4.81+04	389.4	8.85+04
650818	62703	3A	.06658	.06654	1.43+01	391.1	4.68+04	393.8	9.24+04
650818	62703	3A	.13200	.13192	7.24+00	389.2	5.94+04	393.8	9.22+04
650818	62802	3B	.07507	.07504	1.50+01	395.6	4.53+04	393.9	9.08+04
650818	62956	3A	.07259	.07258	1.57+01	394.0	5.06+04	395.8	9.82+04
650818	63058	3B	.06020	.06012	1.74+01	395.9	4.75+04	399.5	1.08+05
650818	63314	3B	.07399	.07406	1.64+01	400.9	4.01+04	403.6	9.66+04
650818	63471	3A	.06524	.08529	1.68+01	398.6	4.82+04	400.4	1.13+05
650818	63471	3A	.19232	.19246	7.48+00	396.0	6.16+04	400.4	1.13+05
650818	63570	3B	.08158	.08160	2.01+01	403.1	6.91+04	403.0	1.21+05
650818	64650	3B	.05788	.05789	2.48+01	396.5	5.01+04	395.3	9.13+04
650818	65007	3A	.05597	.05595	2.13+01	380.6	5.74+04	395.1	1.03+05
650818	65106	3B	.05220	.05221	2.37+01	395.7	5.09+04	396.0	8.79+04
650818	65362	3B	.06705	.06697	2.23+01	394.4	5.47+04	394.5	1.00+05
650818	65519	3A	.05368	.05375	2.01+01	391.0	5.89+04	389.3	8.01+04
650818	65618	3B	.06293	.06293	2.29+01	396.1	5.13+04	394.2	9.38+04
650818	66287	3A	.08988	.08987	2.48+01	391.5	6.33+04	392.0	9.03+04
650818	66543	3A	.08631	.08628	2.37+01	392.7	5.85+04	392.8	8.74+04
650818	66799	3A	.07764	.07765	2.46+01	391.8	6.38+04	395.2	1.11+05
650818	67410	3B	.07267	.07256	2.63+01	388.4	6.39+04	390.9	1.87+05
650818	67922	3B	.04637	.15648	1.12+01	396.1	2.27+05	426.1	8.56+05
650818	68178	3B	.05183	.05927	9.67+00	387.8	3.34+05	420.2	4.36+05
650818	68434	3B	.02510	.03386	1.04+01	408.6	3.72+05	467.7	7.03+05
650818	69714	3B	.03513	.13422	1.01+01	400.6	4.37+05	458.7	8.33+05
650818	69970	3B	.02095	.09283	1.19+01	401.2	3.66+05	458.8	8.18+05
650818	70226	3B	.03120	.10838	1.13+01	405.0	4.03+05	462.6	1.02+05
650818	70482	3B	.03612	.11687	1.11+01	403.7	3.90+05	458.7	9.75+05
650818	70738	3B	.02627	.10718	1.13+01	404.9	3.71+05	469.7	9.63+05
650818	72018	3B	.03147	.08461	9.63+00	407.2	3.16+05	444.6	6.24+05
650818	72788	3B	.02346	.03172	1.10+01	418.8	3.08+05	462.2	5.03+05
650818	73042	3B	.02457	.08340	1.29+01	422.1	3.05+05	460.4	6.38+05
650818	3262	3B	.05863	.05705	1.09+01	447.0	1.79+05	462.0	5.79+05
650818	3538	3B	.05460	.04642	1.08+01	452.3	1.92+05	465.0	5.38+05
650818	4818	3B	.05976	.05354	1.00+01	467.8	1.93+05	474.3	5.86+05
650818	5074	3B	.06222	.05520	9.80+00	479.9	2.14+05	475.4	6.44+05
650818	5546	3B	.06232	.06096	8.86+00	476.5	1.77+05	483.6	5.91+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
650819	7122	3B	.05874	.06151	6.32+00	473.9	1.60+05	475.7	5.52+05
650819	7376	3B	.06980	.06533	6.38+00	464.4	1.80+05	482.0	6.24+05
650819	7634	3B	.06784	.06739	7.14+00	485.6	1.56+05	492.2	5.87+05
650819	7890	3B	.06020	.05977	7.60+00	487.6	1.49+05	492.6	5.82+05
650819	8146	3B	.06116	.06211	7.66+00	495.5	1.64+05	494.2	5.74+05
650819	9662	3B	.06131	.05997	6.55+00	485.1	1.42+05	486.6	5.15+05
650819	9938	3B	.06798	.06824	6.51+00	495.0	1.44+05	496.3	5.08+05
650819	10194	3B	.06045	.05447	9.36+00	483.2	1.55+05	484.9	7.47+05
650819	10450	3B	.05919	.05581	9.20+00	480.5	1.56+05	487.6	6.46+05
650819	11966	3B	.06106	.05720	8.40+00	484.4	1.31+05	486.7	6.71+05
650819	12242	3B	.06084	.05977	7.78+00	491.2	1.33+05	491.4	5.13+05
650819	12498	3B	.06125	.05988	8.27+00	491.5	1.47+05	491.6	5.95+05
650819	12754	3B	.06519	.06521	7.92+00	497.5	1.52+05	493.7	5.48+05
650819	13010	3B	.06216	.06095	7.73+00	490.9	1.40+05	491.2	5.26+05
650819	14802	3B	.06214	.06107	7.33+00	478.1	1.69+05	482.8	4.87+05
650819	15058	3B	.05493	.05038	6.19+00	486.2	1.15+05	489.2	7.41+05
650819	15314	3B	.04925	.04703	7.03+00	487.3	1.37+05	491.1	6.35+05
650819	16850	3B	.05053	.04749	6.65+00	483.2	1.42+05	489.2	6.92+05
650819	17106	3B	.06345	.06187	7.46+00	484.1	1.48+05	489.4	5.72+05
650819	17302	3B	.05841	.05655	8.36+00	492.9	1.53+05	494.6	5.16+05
650819	17618	3B	.05948	.05983	7.97+00	494.5	1.61+05	491.6	4.79+05
650819	17874	3B	.05669	.05895	7.61+00	496.6	1.72+05	497.5	4.61+05
650819	19154	3B	.04797	.04937	7.44+00	478.7	1.49+05	485.9	5.30+05
650819	19410	3B	.05511	.05317	6.88+00	480.5	1.38+05	488.8	5.10+05
650819	20178	3B	.04602	.04544	8.61+00	485.9	1.56+05	490.1	5.29+05
650819	20434	3B	.05470	.05429	8.76+00	491.5	1.52+05	491.7	6.13+05
650819	20690	3B	.05548	.05417	7.42+00	489.6	1.43+05	490.7	4.80+05
650819	31954	3B	.04593	.04554	7.62+00	483.5	1.74+05	492.4	6.40+05
650819	32210	3B	.04649	.04710	8.01+00	478.6	1.68+05	491.6	5.38+05
650819	32466	3B	.05895	.05915	6.93+00	490.7	1.51+05	497.5	6.42+05
650819	33746	3B	.04901	.04943	6.37+00	483.8	1.54+05	510.8	5.52+05
650819	34002	3B	.04686	.05109	7.00+00	471.8	1.90+05	495.0	6.69+05
650819	34258	3B	.04399	.04432	7.92+00	473.1	1.65+05	489.5	6.58+05
650819	34514	3B	.04917	.05348	7.71+00	486.9	1.85+05	502.6	5.74+05
650819	34770	3B	.05115	.04336	6.15+00	492.7	1.58+05	492.6	6.70+05
650819	36306	3B	.05580	.06104	7.03+00	477.5	1.92+05	500.3	6.64+05
650819	36818	3B	.04701	.05224	7.01+00	473.8	1.88+05	494.2	5.37+05
650819	37586	3B	.05890	.05894	7.09+00	490.3	1.56+05	501.2	6.35+05
650819	46546	3B	.06267	.06092	6.25+00	498.5	1.58+05	508.7	6.14+05
650819	46802	3B	.05289	.05556	7.05+00	500.4	2.06+05	513.1	6.40+05
650819	48082	3B	.04799	.04817	6.54+00	507.4	1.78+05	512.9	6.13+05
650819	48338	3B	.05582	.05604	6.32+00	505.2	1.81+05	514.6	6.37+05
650819	48594	3B	.05801	.05644	6.55+00	514.2	2.11+05	525.2	7.95+05
650819	48850	3B	.06080	.06107	6.81+00	510.6	1.93+05	516.4	6.07+05
650819	49106	3B	.05784	.06198	6.56+00	500.6	2.19+05	521.8	7.01+05
650819	50842	3B	.06122	.06478	6.34+00	515.3	2.10+05	521.4	6.57+05
650819	50898	3B	.07262	.07158	6.42+00	518.2	1.97+05	513.8	6.69+05
650819	51154	3B	.06828	.06186	6.09+00	514.9	1.95+05	513.9	6.21+05
650819	51410	3B	.05800	.06371	7.34+00	516.4	2.54+05	524.0	6.99+05
650819	52946	3B	.06212	.06279	6.34+00	516.4	2.05+05	508.9	4.58+05
650819	69330	3B	.04574	.04546	6.40+00	532.8	1.99+05	554.8	7.37+05
650819	69586	3B	.05323	.05337	6.97+00	515.0	2.13+05	551.8	7.70+05
650819	70866	3B	.06214	.06522	5.73+00	538.3	2.43+05	566.5	7.74+05
650819	71122	3B	.05128	.05157	6.03+00	530.6	2.10+05	553.7	6.34+05
650819	71378	3B	.05791	.05917	5.53+00	536.2	2.23+05	556.5	6.63+05
650819	71634	3B	.06695	.06269	5.97+00	525.8	2.07+05	553.8	1.03+06
650819	71890	3B	.06787	.06765	5.56+00	532.3	1.92+05	564.8	8.80+05
650819	75730	3B	.06454	.06869	4.75+00	533.7	1.89+05	574.4	7.75+05
650819	76498	3B	.05305	.05674	4.12+00	544.0	2.04+05	568.2	6.13+05
650819	76754	3B	.07488	.07614	4.43+00	550.9	1.87+05	571.0	7.66+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650819	60338	3B	.06234	.06208	4.66+00	554.6	1.86+05	571.4	7.80+05
650819	60594	3B	.06865	.06989	4.41+00	547.9	1.68+05	571.7	6.68+05
650820	1106	3B	.05001	.05112	6.94+00	523.3	2.03+05	563.7	8.44+05
650820	2898	3B	.05746	.06122	5.11+00	527.1	1.76+05	567.8	8.53+05
650820	3922	3B	.05670	.06096	5.53+00	532.0	1.94+05	570.8	8.26+05
650820	18258	3B	.05324	.05913	4.73+00	543.1	2.02+05	585.4	9.61+05
650820	18514	3B	.05152	.05190	4.30+00	542.1	2.17+05	586.6	9.79+05
650820	20562	3B	.05344	.05505	4.66+00	542.6	2.08+05	575.1	8.01+05
650820	29266	3B	.04723	.04780	4.87+00	550.9	1.84+05	573.4	9.69+05
650820	29778	3B	.04623	.03971	4.93+00	534.0	1.89+05	563.5	9.89+05
650820	31570	3B	.03794	.03727	4.77+00	544.0	2.04+05	575.3	7.69+05
650820	32082	3B	.04559	.04195	4.64+00	541.1	2.06+05	572.8	1.16+06
650820	32338	3B	.03939	.03794	4.87+00	539.0	1.97+05	567.4	6.75+05
650820	43603	3B	.04000	.04211	5.37+00	522.9	2.24+05	563.0	9.56+05
650820	45305	3B	.03308	.03090	6.50+00	532.6	1.75+05	551.7	9.14+05
650822	7404	3A	.00936	.02312	2.12+00	440.8	1.40+05	476.0	8.70+05
650822	9708	3A	.01131	.01167	2.47+00	427.7	1.88+05	452.5	3.18+05
650822	20971	3A	.01108	.00973	3.51+00	465.4	8.56+04	442.4	3.08+05
650822	23275	3A	.03412	.02857	3.39+00	405.2	7.93+04	413.0	5.35+05
650822	29675	3A	.07963	.07921	1.48+00	439.9	6.94+04	467.7	9.46+05
650822	38379	3A	.02865	.02922	2.74+00	398.6	7.61+04	404.1	4.31+05
650822	38635	3A	.02064	.02157	2.86+00	398.8	7.45+04	408.6	4.34+05
650822	38891	3A	.02148	.01760	2.87+00	398.4	7.78+04	406.2	4.08+05
650822	39147	3A	.02224	.02414	2.50+00	399.7	7.82+04	412.0	3.81+05
650822	39403	3A	.02188	.02261	3.07+00	401.3	6.23+04	412.8	2.78+05
650822	40939	3A	.02433	.02526	2.51+00	407.4	6.54+04	417.0	3.63+05
650822	41195	3A	.02284	.02280	2.81+00	408.1	5.18+04	410.8	2.52+05
650822	41451	3A	.01881	.01979	2.79+00	407.7	5.82+04	418.6	3.37+05
650822	41707	3A	.01864	.01865	2.82+00	402.8	5.67+04	413.5	4.09+05
650822	41963	3A	.02049	.02092	2.99+00	401.3	6.50+04	410.4	3.15+05
650822	43243	3A	.02409	.02406	2.94+00	401.7	6.57+04	410.4	3.66+05
650822	43499	3A	.01828	.01978	3.12+00	398.1	7.66+04	407.0	2.78+05
650822	43755	3A	.01998	.02112	3.09+00	401.0	6.78+04	413.3	3.03+05
650822	45035	3A	.02022	.02239	3.05+00	400.5	6.57+04	408.8	2.34+05
650822	45291	3A	.02149	.02221	2.94+00	405.0	5.74+04	425.0	4.24+05
650822	45547	3A	.02584	.02572	2.63+00	413.7	5.33+04	411.7	3.36+05
650822	51435	3A	.01726	.01800	2.78+00	406.6	5.57+04	415.6	3.33+05
650822	51691	3A	.01860	.01937	2.71+00	406.2	5.84+04	414.7	2.45+05
650822	51947	3A	.01975	.02013	2.31+00	407.2	5.12+04	406.0	2.60+05
650822	52715	3A	.01681	.01664	2.72+00	414.7	4.55+04	418.0	3.17+05
650822	52971	3A	.02468	.02217	2.58+00	410.5	4.77+04	406.2	5.15+05
650822	53227	3A	.01905	.01914	2.48+00	412.1	5.14+04	416.7	1.38+05
650822	70891	3A	.01764	.01836	3.89+00	398.4	8.12+04	413.3	2.59+05
650822	71147	3A	.01748	.01847	4.12+00	398.7	7.94+04	410.9	3.11+05
650822	71403	3A	.01284	.01142	3.82+00	396.9	1.03+05	409.2	2.91+05
650822	71915	3A	.01898	.01622	4.05+00	404.4	9.56+04	417.8	4.16+05
650823	52330	3A	.00307	.00553	7.34+00	387.9	7.40+04	386.8	2.12+05
650823	57840	3B	.02337	.02167	9.52+00	422.7	7.25+04	413.8	3.13+05
650823	58095	3B	.05473	.05251	4.40+00	416.8	7.21+04	413.8	5.04+05
650823	58607	3B	.04002	.04168	5.13+00	429.8	9.73+04	429.5	3.81+05
650823	61758	3B	.03419	.07033	7.27+00	438.4	1.71+05	457.5	5.56+05
650823	62014	3B	.03844	.03032	7.49+00	438.9	1.80+05	459.2	5.30+05
650823	62270	3B	.01993	.01990	8.53+00	439.3	1.88+05	471.3	4.60+05
650823	63806	3B	.03003	.03161	8.74+00	442.6	1.74+05	465.1	5.82+05
650823	64062	3B	.03071	.03298	8.74+00	439.9	1.72+05	464.5	5.02+05
650823	64318	3B	.03239	.03276	8.48+00	437.7	1.75+05	461.4	5.25+05
650823	64574	3B	.02492	.02988	9.61+00	442.0	1.76+05	457.6	4.55+05
650823	64830	3B	.03131	.03219	9.25+00	443.6	1.88+05	462.4	5.24+05
650823	66366	3B	.03181	.02677	1.00+01	445.2	1.94+05	464.7	5.89+05
650823	66622	3B	.03123	.03341	9.89+00	451.8	1.97+05	465.0	5.46+05

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650823	66878	3B	.03065	.03091	1.22+01	443.6	2.33+05	475.7	5.31+05
650823	67134	3B	.04576	.12123	7.06+00	445.6	1.88+05	468.5	8.34+05
650823	69438	3B	.02700	.06297	8.73+00	439.6	2.49+05	488.7	6.96+05
650823	69694	3B	.03516	.03605	8.62+00	441.1	1.71+05	462.3	5.02+05
650823	86366	3B	.05107	.05559	5.99+00	513.0	2.25+05	550.1	7.97+05
650824	702	3B	.08540	.09169	5.30+00	495.8	1.63+05	511.7	6.68+05
650824	1214	3B	.04576	.04667	5.92+00	498.4	2.66+05	541.7	8.67+05
650824	3262	3B	.04441	.04929	6.56+00	513.3	2.22+05	553.5	8.67+05
650824	3518	3B	.05664	.06159	5.63+00	521.6	2.03+05	553.7	8.50+05
650824	5822	3B	.04799	.04935	5.12+00	534.8	2.39+05	563.2	7.29+05
650824	7358	3B	.05686	.05636	4.91+00	537.7	1.86+05	556.0	6.97+05
650824	7614	3B	.06321	.06071	4.48+00	539.5	1.88+05	551.8	7.24+05
650824	7870	3B	.06071	.06511	4.70+00	528.6	1.96+05	548.7	7.11+05
650824	8126	3B	.06471	.06764	4.95+00	535.3	1.74+05	546.8	7.09+05
650824	8382	3B	.08055	.06121	4.75+00	531.7	2.06+05	551.9	6.56+05
650824	10430	3B	.05596	.05564	5.16+00	530.9	2.06+05	559.6	8.33+05
650824	10686	3B	.04900	.04967	5.59+00	538.0	2.15+05	564.5	8.12+05
650824	12222	3B	.06222	.06357	4.88+00	525.6	1.87+05	549.3	7.83+05
650824	12478	3B	.05053	.05039	5.94+00	524.6	2.20+05	560.6	6.95+05
650824	12734	3B	.04124	.03798	7.35+00	516.8	2.12+05	544.7	8.58+05
650824	12990	3B	.07736	.06205	5.01+00	525.8	2.20+05	550.7	9.02+05
650824	14782	3B	.05414	.05436	4.60+00	530.8	1.95+05	557.3	6.56+05
650824	15294	3B	.05941	.05935	5.18+00	531.7	2.10+05	556.7	6.85+05
650824	15550	3B	.05550	.05266	5.00+00	547.8	2.01+05	553.6	7.23+05
650824	17086	3B	.05574	.05300	4.75+00	543.3	1.78+05	549.3	6.36+05
650824	17342	3B	.05119	.05306	4.69+00	525.2	2.07+05	560.7	6.68+05
650824	17598	3B	.05017	.05200	4.76+00	519.8	1.88+05	564.4	7.42+05
650824	17854	3B	.04869	.04940	5.32+00	520.5	2.00+05	560.4	8.26+05
650824	19390	3B	.02754	.02718	6.54+00	523.3	1.99+05	546.8	5.61+05
650824	19646	3B	.04863	.04909	4.98+00	521.6	1.82+05	553.0	6.37+05
650824	19902	3B	.05563	.05632	4.31+00	520.3	1.82+05	556.8	7.21+05
650824	20158	3B	.05568	.04805	3.75+00	522.0	1.43+05	540.6	1.10+06
650824	22206	3B	.06650	.07011	3.44+00	517.8	1.76+05	538.6	5.73+05
650824	22462	3B	.05411	.05463	3.28+00	516.6	1.82+05	539.9	6.06+05
650824	22718	3B	.05004	.05030	3.00+00	491.2	1.68+05	525.7	4.33+05
650824	24254	3B	.07362	.07591	4.22+00	533.1	1.85+05	538.8	6.30+05
650824	24766	3B	.10831	.10031	3.21+00	511.2	1.38+05	531.8	1.17+06
650824	25022	3B	.06527	.06866	4.45+00	522.8	1.86+05	548.7	6.38+05
650824	26558	3B	.06483	.06373	3.63+00	561.6	1.72+05	559.4	6.65+05
650824	26814	3B	.05867	.06030	4.20+00	532.3	1.87+05	556.7	6.91+05
650824	27070	3B	.05886	.05779	4.04+00	550.6	1.74+05	553.8	7.00+05
650824	27326	3B	.05682	.05535	4.14+00	548.8	1.51+05	552.1	6.12+05
650824	27582	3B	.06818	.06326	3.54+00	529.6	1.70+05	560.1	7.02+05
650824	28862	3B	.06341	.06525	3.84+00	548.7	1.47+05	547.2	5.95+05
650824	29118	3B	.06206	.06445	3.99+00	539.8	1.62+05	560.2	5.17+05
650824	29374	3B	.05631	.05729	3.97+00	540.4	1.43+05	546.0	5.97+05
650824	29630	3B	.05560	.05787	3.67+00	544.6	1.52+05	547.1	6.00+05
650824	29886	3B	.05421	.05342	3.99+00	550.1	1.59+05	547.2	5.27+05
650824	31422	3B	.05521	.05742	4.25+00	515.8	1.69+05	548.6	6.26+05
650824	31678	3B	.06031	.06245	3.81+00	516.1	1.74+05	544.8	6.21+05
650824	31934	3B	.04840	.04375	4.26+00	542.1	1.53+05	547.5	6.79+05
650824	33726	3B	.05807	.05885	4.27+00	522.5	1.48+05	543.9	5.78+05
650824	33982	3B	.05916	.05819	3.60+00	525.1	1.36+05	538.2	6.32+05
650824	34238	3B	.06745	.06804	3.13+00	529.4	1.53+05	553.3	7.72+05
650824	34494	3B	.06211	.06309	3.91+00	520.2	1.57+05	544.7	5.41+05
650824	36286	3B	.04596	.04632	4.63+00	494.1	1.40+05	528.4	6.37+05
650824	36542	3B	.04684	.04855	3.58+00	497.1	1.44+05	527.3	5.65+05
650824	36798	3B	.05745	.05550	3.63+00	527.8	1.35+05	538.2	6.88+05
650824	37054	3B	.05000	.05025	4.57+00	518.6	1.53+05	543.7	6.10+05
650824	38590	3H	.04257	.04295	4.33+00	495.3	1.30+05	532.6	5.91+05

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650824	36846	3B	.06116	.06216	3.59+00	500.5	1.50+05	530.2	6.80+05
650824	39358	3B	.05999	.06133	3.77+00	496.2	1.63+05	526.8	7.13+05
650824	40894	3B	.04578	.04609	4.32+00	491.2	1.42+05	525.0	6.41+05
650824	41150	3B	.04626	.04573	3.58+00	488.5	1.17+05	515.5	5.94+05
650824	41406	3B	.05025	.05094	3.68+00	484.2	1.24+05	518.3	5.80+05
650824	43454	3B	.04590	.04756	3.66+00	487.1	1.27+05	520.0	5.45+05
650824	43710	3B	.04830	.04498	4.05+00	499.6	1.19+05	511.4	6.34+05
650824	43966	3B	.04613	.04404	3.61+00	488.1	1.11+05	515.6	6.00+05
650824	44223	3B	.04599	.04346	3.44+00	490.3	1.17+05	513.3	7.74+05
650824	48318	3B	.05417	.05153	3.83+00	488.2	1.20+05	513.8	6.99+05
650824	48574	3B	.05140	.05168	3.45+00	493.4	1.35+05	521.0	6.05+05
650824	48831	3B	.04664	.04611	3.95+00	497.6	1.66+05	520.2	6.04+05
650824	49598	3B	.05023	.04629	4.16+00	502.6	1.28+05	519.3	6.49+05
650824	49855	3B	.05287	.05190	4.85+00	503.5	1.28+05	523.7	6.30+05
650824	74687	3B	.04416	.04674	3.85+00	489.7	1.66+05	523.7	7.08+05
650824	75455	3B	.03944	.03725	4.41+00	497.1	1.54+05	510.3	6.84+05
650824	76991	3B	.03870	.04061	4.97+00	520.1	1.93+05	528.1	5.78+05
650824	77247	3B	.04358	.04352	4.92+00	526.1	1.57+05	527.4	5.81+05
650824	77503	3B	.03392	.03795	3.97+00	496.2	1.54+05	506.3	4.11+05
650824	77759	3B	.04291	.04252	4.07+00	510.5	1.57+05	528.2	6.04+05
650824	79295	3B	.04508	.04774	4.45+00	501.5	1.70+05	526.8	5.62+05
650824	79807	3B	.03805	.03854	4.75+00	514.9	1.48+05	522.8	6.37+05
650824	80063	3B	.03922	.03749	4.68+00	517.9	1.67+05	525.7	6.74+05
650824	80319	3B	.04512	.04335	4.42+00	518.0	1.51+05	529.3	7.56+05
650824	80575	3B	.04189	.04214	4.39+00	509.6	1.59+05	525.5	6.49+05
650824	81855	3B	.03871	.03730	4.68+00	520.5	1.40+05	527.2	6.09+05
650824	82111	3B	.04439	.04924	4.38+00	499.3	1.86+05	526.4	6.05+05
650824	82367	3B	.03042	.02987	4.76+00	501.4	1.61+05	524.9	6.57+05
650824	82623	3B	.03313	.03292	5.04+00	504.2	1.18+05	498.9	5.99+05
650824	84159	3B	.03682	.03710	4.68+00	508.7	1.49+05	525.8	6.67+05
650824	84671	3B	.03785	.03575	4.47+00	513.8	1.55+05	521.8	6.60+05
650824	84927	3B	.04027	.04227	4.22+00	530.4	1.31+05	529.6	5.67+05
650824	85183	3B	.02397	.02586	7.88+00	482.1	2.44+05	519.9	7.77+05
650825	63	3B	.04031	.04211	4.35+00	499.1	1.69+05	521.8	6.76+05
650825	319	3B	.05071	.05268	4.71+00	495.2	1.83+05	525.9	6.93+05
650825	575	3B	.03902	.03863	4.88+00	506.7	1.84+05	531.0	6.45+05
650825	831	3B	.03292	.03240	4.73+00	518.2	1.62+05	531.1	5.99+05
650825	1087	3B	.03771	.03942	5.78+00	489.0	1.80+05	521.2	6.96+05
650825	2879	3B	.03334	.03718	4.98+00	482.2	1.87+05	517.2	5.32+05
650825	3135	3B	.03644	.03763	4.71+00	500.6	1.69+05	522.2	6.08+05
650825	7743	3B	.04110	.03996	5.89+00	506.1	1.67+05	526.2	5.14+05
650825	8255	3B	.04690	.04738	5.88+00	505.8	1.93+05	536.1	5.90+05
650825	9791	3B	.04739	.05023	5.46+00	496.7	1.62+05	528.9	6.61+05
650825	12095	3B	.04221	.04217	5.92+00	454.0	1.40+05	472.1	6.31+05
650825	12351	3B	.03783	.03780	5.58+00	481.0	2.84+05	510.0	6.22+05
650825	12607	3B	.03822	.04005	6.84+00	481.8	2.40+05	506.4	5.17+05
650825	15167	3B	.03600	.04237	6.91+00	485.3	2.08+05	523.0	6.51+05
650825	17215	3B	.03296	.03281	6.89+00	509.2	1.61+05	509.7	4.99+05
650825	18920	3A	.04615	.05210	3.95+00	530.7	2.50+05	570.0	6.01+05
650825	19688	3A	.08336	.09749	1.85+00	532.4	1.71+05	548.0	8.59+05
650826	47848	3A	.03270	.03640	4.86+00	489.7	2.55+05	527.3	6.34+05
650826	48104	3A	.04531	.04545	3.68+00	519.3	1.32+05	521.4	6.20+05
650826	48616	3A	.04286	.04512	3.28+00	496.9	1.57+05	535.1	6.40+05
650826	48872	3A	.03731	.03753	3.81+00	505.1	1.34+05	531.4	1.03+06
650826	60903	3A	.04542	.04594	2.77+00	504.6	1.33+05	531.2	7.46+05
650826	61159	3A	.04969	.05046	2.88+00	498.6	1.37+05	533.7	6.86+05
650826	62695	3A	.04471	.04417	2.88+00	514.3	1.13+05	518.8	6.33+05
650826	62951	3A	.04201	.04102	2.88+00	515.7	1.05+05	520.9	6.29+05
650826	63207	3A	.03692	.03834	3.16+00	503.7	1.25+05	520.3	6.48+05
650826	63463	3A	.02946	.02987	2.97+00	502.2	1.25+05	521.2	6.57+05



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650826	64999	3A	.04136	.04072	2.86+00	522.3	1.12+05	515.3	5.22+05
650826	65255	3A	.04316	.03983	3.01+00	510.8	1.03+05	508.6	7.61+05
650826	65511	3A	.03665	.03558	2.84+00	515.3	1.20+05	511.9	5.27+05
650826	65767	3A	.04174	.04109	2.86+00	517.1	1.14+05	516.8	6.07+05
650826	66023	3A	.04571	.04250	2.81+00	515.6	1.09+05	508.9	7.15+05
650826	67559	3A	.04389	.04314	2.79+00	502.2	1.29+05	516.7	6.12+05
650826	67815	3A	.03998	.03926	2.64+00	509.3	1.07+05	512.1	5.41+05
650826	68071	3A	.04168	.04157	2.48+00	501.7	1.18+05	515.1	5.76+05
650826	68327	3A	.04885	.04631	2.67+00	503.2	1.14+05	512.6	7.14+05
650826	70119	3A	.04175	.04351	2.84+00	500.1	1.11+05	509.0	4.78+05
650827	2919	3A	.04331	.04526	2.84+00	483.6	1.12+05	506.1	5.46+05
650827	3175	3A	.05195	.05241	2.82+00	492.4	1.31+05	512.5	4.64+05
650827	3431	3A	.04775	.04694	2.58+00	492.9	1.37+05	514.2	6.20+05
650827	4967	3A	.04758	.04701	2.75+00	497.5	1.26+05	515.1	6.45+05
650827	5223	3A	.05027	.05193	2.51+00	509.8	9.98+04	514.3	5.48+05
650827	5479	3A	.04852	.04786	2.52+00	512.5	9.76+04	518.5	5.54+05
650827	5735	3A	.04401	.04252	3.02+00	503.1	1.27+05	516.7	6.95+05
650827	5991	3A	.05172	.04990	2.51+00	510.4	1.05+05	517.0	6.33+05
650827	7271	3A	.04566	.04699	2.86+00	507.3	1.05+05	516.1	5.88+05
650827	7527	3A	.05282	.05262	2.69+00	519.0	9.81+04	522.0	5.46+05
650827	7783	3A	.04233	.04231	2.79+00	519.6	9.68+04	523.9	5.72+05
650827	8039	3A	.04954	.04667	2.72+00	514.8	1.01+05	511.7	5.85+05
650827	8295	3A	.04195	.04149	2.89+00	515.3	9.88+04	517.5	4.79+05
650827	9831	3A	.04542	.04580	2.70+00	505.4	9.17+04	515.3	5.81+05
650827	10087	3A	.04413	.04270	2.82+00	512.1	9.51+04	520.2	5.91+05
650827	10343	3A	.05382	.05102	2.65+00	508.2	1.07+05	510.5	5.76+05
650827	10599	3A	.05369	.05377	2.71+00	508.0	1.05+05	510.9	6.41+05
650827	10855	3A	.05081	.04833	2.44+00	516.9	7.63+04	511.5	5.58+05
650827	11367	3A	.04701	.04542	2.68+00	512.2	9.74+04	515.6	5.58+05
650827	11623	3A	.04088	.04113	2.79+00	506.7	1.02+05	512.2	5.50+05
650827	11870	3A	.04854	.04876	2.76+00	498.5	1.06+05	507.5	5.88+05
650827	18791	3A	.05071	.04946	2.36+00	503.8	1.08+05	512.1	6.41+05
650827	19047	3A	.04886	.04390	2.68+00	498.5	1.03+05	511.6	7.61+05
650827	19303	3A	.06002	.06261	2.75+00	505.0	8.88+04	515.2	6.02+05
650827	19559	3A	.03207	.03181	4.01+00	469.6	1.24+05	485.5	6.71+05
650827	21095	3A	.05776	.05619	2.87+00	515.2	1.01+05	524.1	5.64+05
650827	21351	3A	.05324	.05279	2.97+00	508.8	1.08+05	524.9	5.35+05
650827	21607	3A	.04910	.04945	3.35+00	508.8	1.06+05	523.3	4.46+05
650827	32103	3A	.04460	.04441	3.33+00	490.9	9.48+04	511.3	5.45+05
650827	32359	3A	.04684	.04728	3.26+00	492.8	9.64+04	512.0	6.01+05
650827	33639	3A	.04709	.04668	3.09+00	497.6	9.41+04	512.8	4.66+05
650827	33895	3A	.05022	.04881	3.20+00	496.8	9.71+04	513.7	5.69+05
650827	34151	3A	.04878	.04758	3.31+00	494.5	9.74+04	507.6	7.03+05
650827	34407	3A	.04680	.04656	3.33+00	503.5	9.41+04	518.3	5.30+05
650827	34683	3A	.04587	.04463	3.36+00	501.1	1.07+05	515.5	5.83+05
650827	35943	3A	.05526	.05591	3.11+00	502.4	1.22+05	512.5	5.05+05
650827	36199	3A	.05861	.05658	3.37+00	505.7	1.09+05	509.0	6.34+05
650827	36455	3A	.05653	.05111	3.40+00	492.8	1.14+05	505.7	7.80+05
650827	36711	3A	.05536	.05465	3.29+00	499.5	1.21+05	513.3	5.05+05
650827	36967	3A	.04798	.04768	3.65+00	495.3	1.23+05	504.2	5.70+05
650827	38503	3A	.05142	.05217	3.56+00	483.8	1.24+05	511.7	4.76+05
650827	39015	3A	.07138	.07053	2.87+00	522.8	1.01+05	510.4	5.27+05
650827	39271	3A	.05586	.05590	3.52+00	485.6	1.16+05	506.7	5.28+05
650827	40039	3A	.06841	.06768	3.10+00	503.2	1.10+05	512.0	4.98+05
650827	41063	3A	.05863	.05783	2.95+00	512.4	1.03+05	508.7	4.04+05
650827	45927	3A	.05003	.05057	3.13+00	501.3	9.65+04	502.5	3.75+05
650827	46183	3A	.05221	.05167	2.92+00	497.2	1.04+05	499.1	4.34+05
650827	47719	3A	.06213	.06279	3.26+00	512.4	9.50+04	516.8	5.40+05
650827	47975	3A	.05084	.05132	3.13+00	501.1	1.21+05	506.4	5.11+05
650827	48231	3A	.04432	.04447	3.12+00	502.4	1.13+05	506.2	4.30+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650827	56167	3A	.06208	.06186	3.44+00	469.6	1.16+05	502.0	4.55+05
650827	56423	3A	.06910	.07006	3.32+00	461.3	1.19+05	503.2	3.77+05
650827	56679	3A	.06771	.06808	3.36+00	462.8	1.11+05	505.1	5.12+05
650827	56935	3A	.06962	.07062	3.36+00	461.3	1.16+05	504.2	5.34+05
650827	58471	3A	.06391	.06475	3.66+00	461.2	1.19+05	503.4	3.92+05
650827	58727	3A	.05847	.05668	3.72+00	463.1	1.21+05	502.5	4.01+05
650827	64359	3A	.06303	.06415	3.11+00	462.6	1.06+05	493.6	4.35+05
650827	64615	3A	.08068	.08024	2.54+00	467.6	9.65+04	495.8	3.49+05
650827	77414	3A	.03427	.03498	3.15+00	464.6	6.57+04	504.8	5.14+05
650828	5823	3B	.04419	.04504	3.15+00	462.5	1.39+05	486.8	5.51+05
650828	6127	3B	.07546	.07328	3.05+00	467.7	6.12+04	434.2	4.27+05
650828	6383	3B	.06095	.06296	2.76+00	494.5	1.09+05	505.9	4.87+05
650828	10175	3B	.05400	.05436	2.67+00	501.4	1.11+05	504.8	4.22+05
650828	10431	3B	.05098	.04804	2.47+00	483.5	9.92+04	490.1	7.43+05
650828	14527	3B	.05480	.05368	2.86+00	474.1	1.19+05	499.0	5.47+05
650828	17087	3B	.06912	.07069	2.51+00	480.7	1.11+05	499.2	5.43+05
650828	19904	3B	.05017	.05182	3.06+00	465.1	1.06+05	477.8	5.31+05
650828	20159	3B	.01919	.01984	6.33+00	433.1	3.21+05	483.3	2.61+05
650828	20415	3B	.11958	.11499	1.33+00	465.4	6.62+04	470.0	7.70+05
650828	21695	3B	.05060	.05077	2.73+00	463.5	1.26+05	490.5	3.76+05
650828	21952	3B	.05026	.04980	2.44+00	484.3	6.43+04	492.1	4.40+05
650828	22207	3B	.05638	.05668	2.55+00	494.9	7.02+04	492.1	4.76+05
650828	22463	3B	.06077	.05999	2.41+00	496.2	6.97+04	494.8	4.57+05
650828	22719	3B	.05212	.05085	2.46+00	501.7	6.97+04	495.7	4.83+05
650828	25279	3B	.03867	.04262	2.57+00	436.0	1.34+05	436.6	2.47+05
650828	36032	3B	.05990	.05761	2.61+00	459.6	8.03+04	471.8	4.84+05
650828	36288	3B	.05015	.05008	3.15+00	458.1	9.26+04	476.2	4.39+05
650828	36544	3B	.05804	.05771	2.51+00	449.5	9.49+04	468.8	4.19+05
650828	36650	3B	.03603	.03561	3.62+00	454.2	1.12+05	468.4	3.80+05
650828	38592	3B	.03984	.04010	2.78+00	456.1	7.60+04	447.7	3.72+05
650828	39104	3B	.06008	.05951	2.58+00	455.5	7.60+04	466.7	3.48+05
650828	39360	3B	.04620	.04665	2.75+00	481.6	7.07+04	465.8	3.57+05
650828	41152	3B	.06000	.06095	2.38+00	484.2	6.93+04	468.0	4.65+05
650828	41408	3B	.05226	.05273	2.42+00	459.4	6.60+04	466.9	3.71+05
650828	41664	3B	.04850	.04695	2.54+00	484.6	6.70+04	459.2	4.32+05
650828	41920	3B	.05144	.05206	2.61+00	459.5	7.40+04	461.9	3.33+05
650828	43456	3B	.07733	.07756	1.97+00	454.6	8.55+04	457.8	4.58+05
650828	43712	3B	.06070	.06081	2.56+00	455.9	8.57+04	464.1	4.01+05
650828	43968	3B	.05577	.05624	2.33+00	457.6	6.84+04	464.1	3.90+05
650828	44224	3B	.05934	.06038	2.49+00	446.7	9.30+04	460.0	4.10+05
650828	45760	3B	.05219	.05091	2.60+00	468.5	7.98+04	469.9	4.04+05
650828	46016	3B	.06448	.06550	2.50+00	436.5	1.02+05	456.2	3.76+05
650828	46784	3B	.05574	.05676	2.43+00	452.4	8.80+04	461.7	3.62+05
650828	47040	3B	.05865	.05858	2.25+00	463.0	5.90+04	462.6	3.34+05
650828	56256	3B	.05920	.05419	2.51+00	438.7	6.16+04	444.8	5.50+05
650828	56512	3B	.05825	.05490	2.58+00	452.9	7.56+04	456.1	4.23+05
650828	56768	3B	.06039	.06166	2.48+00	436.4	8.67+04	446.3	3.21+05
650828	57024	3B	.05768	.05814	2.65+00	436.3	9.74+04	452.2	5.97+05
650828	58304	3B	.08285	.07975	2.03+00	429.3	9.43+04	441.2	4.40+05
650828	59326	3B	.06421	.06381	2.62+00	436.6	6.44+04	438.7	3.77+05
650828	60864	3B	.06241	.05574	2.61+00	436.0	6.68+04	435.4	4.56+05
650828	61376	3B	.05383	.05507	2.84+00	436.5	6.66+04	442.7	3.40+05
650828	61632	3B	.06002	.05268	2.32+00	432.6	8.14+04	432.4	6.16+05
650828	79296	3B	.03853	.04099	2.33+00	390.2	7.12+04	405.3	2.71+05
650829	3136	3B	.04328	.04210	2.76+00	391.6	8.28+04	395.6	2.71+05
650829	7488	3B	.03225	.03265	2.55+00	387.3	3.03+04	386.1	1.54+05
650829	7744	3B	.03610	.03692	2.59+00	389.5	3.93+04	391.6	2.36+05
650829	8000	3B	.03075	.03150	2.63+00	392.3	3.65+04	393.9	2.09+05
650829	8256	3B	.02490	.02556	3.11+00	392.1	3.90+04	392.7	1.96+05
650829	9792	3B	.02388	.02384	4.20+00	369.0	2.04+04	400.1	1.90+05



DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650829	10048	3B	.02161	.02141	4.44+00	391.3	2.32+04	397.4	1.80+05
650829	10560	3B	.02297	.02287	3.95+00	392.9	2.14+04	398.3	1.80+05
650829	10816	3B	.01966	.01824	4.18+00	390.5	2.10+04	388.7	1.92+05
650829	12096	3B	.01935	.01914	4.07+00	391.1	2.22+04	397.7	2.22+05
650829	14656	3B	.02079	.02036	3.44+00	384.2	3.21+04	384.8	2.28+05
650829	14912	3B	.02459	.02525	3.30+00	381.3	2.98+04	386.6	2.19+05
650829	15424	3B	.02548	.02529	3.42+00	384.6	2.73+04	385.7	1.26+05
650829	16960	3B	.02493	.02526	3.63+00	383.3	3.10+04	388.1	1.84+05
650829	17216	3B	.02778	.02801	3.91+00	385.0	2.51+04	391.2	1.81+05
650829	17472	3B	.02684	.02671	4.39+00	384.8	2.44+04	387.6	1.29+05
650829	19264	3B	.02641	.02551	4.48+00	380.3	2.61+04	380.5	2.62+05
650829	19520	3B	.03893	.03901	4.43+00	380.7	3.13+04	381.8	1.40+05
650829	21624	3B	.02884	.02884	4.38+00	379.8	2.70+04	381.5	1.50+05
650829	22080	3B	.02985	.02953	4.69+00	380.4	2.54+04	378.6	1.89+05
650829	22336	3B	.03339	.03331	4.73+00	375.4	3.07+04	380.1	1.73+05
650829	22592	3B	.03761	.03745	4.41+00	390.5	3.77+04	390.2	2.55+05
650829	24128	3B	.03567	.03570	4.99+00	370.7	4.44+04	370.4	1.87+05
650829	24384	3B	.03250	.03132	5.34+00	372.5	4.33+04	368.2	2.46+05
650829	24640	3B	.04017	.03800	5.19+00	375.5	4.21+04	372.2	2.92+05
650829	24896	3B	.03110	.03013	5.07+00	373.8	4.23+04	371.6	2.10+05
650829	26432	3B	.03599	.03487	5.25+00	380.1	4.43+04	377.9	2.62+05
650829	27200	3B	.03715	.03805	4.84+00	371.6	5.13+04	378.8	2.20+05
650829	27456	3B	.03667	.03637	5.38+00	381.7	4.00+04	383.3	1.95+05
650829	28992	3B	.03161	.03230	7.80+00	371.7	6.92+04	371.2	2.21+05
650829	29248	3B	.03448	.03358	5.12+00	368.5	5.15+04	373.1	2.74+05
650829	29504	3B	.02952	.02884	5.36+00	377.1	4.24+04	377.8	2.16+05
650829	31296	3B	.03736	.03715	5.12+00	367.8	4.06+04	367.8	2.28+05
650829	31552	3B	.04415	.04418	4.73+00	366.3	3.58+04	368.1	1.30+05
650829	31808	3B	.03438	.03270	5.35+00	368.7	3.90+04	365.3	2.48+05
650829	32064	3B	.03056	.03079	5.16+00	373.4	4.29+04	369.0	1.44+05
650829	32832	3B	.03318	.03233	5.07+00	371.0	3.46+04	372.6	2.06+05
650829	33088	3B	.03619	.03602	5.49+00	372.6	4.13+04	374.1	1.49+05
650829	35136	3B	.03231	.03227	6.45+00	369.7	4.37+04	373.3	1.66+05
650829	35392	3B	.05933	.05901	6.81+00	355.3	5.67+04	371.0	2.44+05
650829	35648	3B	.03604	.03582	5.94+00	364.9	3.25+04	367.0	1.40+05
650829	37184	3B	.04857	.04825	5.68+00	362.3	6.64+04	375.1	2.02+05
650829	37696	3B	.05651	.05651	6.94+00	365.0	5.07+04	378.7	1.44+05
650829	37952	3B	.04497	.04478	6.50+00	364.8	4.62+04	369.3	1.52+05
650829	38208	3B	.03873	.03858	6.58+00	369.6	3.71+04	372.8	1.84+05
650829	40000	3B	.03580	.03577	7.67+00	373.4	4.44+04	377.8	1.85+05
650829	40512	3B	.04299	.04280	7.80+00	380.3	3.35+04	359.5	1.21+05
650829	42048	3B	.03921	.03909	6.55+00	357.4	3.35+04	356.3	1.13+05
650829	42304	3B	.03320	.03297	7.12+00	357.2	3.91+04	357.5	1.23+05
650829	42560	3B	.03154	.03128	8.94+00	354.1	4.28+04	348.9	1.76+05
650829	42816	3B	.03663	.03632	7.12+00	351.0	5.17+04	345.7	1.78+05
650829	44352	3B	.03989	.03632	6.74+00	349.1	4.81+04	337.6	2.37+05
650829	44608	3B	.03365	.03213	6.59+00	350.1	4.43+04	342.8	2.04+05
650829	44864	3B	.03276	.03043	6.67+00	350.9	4.60+04	341.8	2.40+05
650829	45120	3B	.03668	.03569	6.59+00	346.7	5.05+04	341.3	1.83+05
650829	45376	3B	.04023	.03682	6.34+00	348.1	4.87+04	339.2	2.04+05
650829	46912	3B	.04885	.04848	5.51+00	346.3	3.74+04	341.2	1.57+05
650829	47168	3B	.03888	.03941	5.60+00	345.9	3.89+04	341.9	1.35+05
650829	47424	3B	.03694	.03546	5.63+00	348.5	4.07+04	341.2	1.54+05
650829	47680	3B	.03556	.03553	5.92+00	347.6	4.03+04	340.6	1.39+05
650829	48448	3B	.04090	.04045	5.90+00	344.6	4.25+04	340.1	1.86+05
650829	48704	3B	.04609	.04550	6.36+00	347.5	3.83+04	343.1	1.54+05
650829	48960	3B	.03965	.03948	6.98+00	346.3	4.19+04	344.3	1.21+05
650829	51136	3B	.03112	.03592	5.37+00	363.1	9.02+04	373.1	2.76+05
650829	67392	3B	.03320	.03943	5.13+00	368.7	1.02+05	373.7	2.91+05
650829	67648	3B	.03816	.04368	4.87+00	363.2	7.88+04	367.7	2.54+05



DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650829	66696	3B	.02934	.02782	5.27+00	380.8	5.91+04	382.4	2.51+05
650829	69184	3B	.03057	.03019	5.62+00	381.5	5.93+04	386.9	2.66+05
650829	69952	3B	.02760	.02773	5.18+00	379.9	5.44+04	378.0	2.77+05
650829	70208	3B	.03043	.03132	6.00+00	377.4	5.71+04	380.4	2.85+05
650831	14947	3A	.03005	.03595	9.32+00	347.5	1.86+05	379.8	3.55+05
650831	39011	3A	.10745	.11279	4.32+00	345.9	6.31+04	325.9	1.96+05
650831	63567	3A	.07178	.07445	4.18+00	420.3	6.54+04	432.3	3.49+05
650831	64355	3A	.06422	.06628	4.99+00	412.8	9.63+04	428.9	3.16+05
650901	2275	3A	.04752	.04757	5.51+00	384.6	7.19+04	410.8	3.08+05
650901	3289	3A	.04455	.04446	4.09+00	413.1	6.57+04	423.0	2.50+05
650901	3555	3A	.04284	.04389	3.63+00	402.3	6.34+04	418.8	2.70+05
650901	22499	3A	.05886	.05857	3.87+00	403.7	6.91+04	415.7	3.36+05
650901	24035	3A	.05567	.05653	3.89+00	419.9	7.62+04	426.8	3.50+05
650901	26698	3A	.05631	.05714	4.29+00	411.4	7.95+04	424.5	2.80+05
650901	29410	3A	.06472	.06547	3.76+00	420.4	7.63+04	425.6	2.80+05
650901	30946	3A	.06199	.06155	3.54+00	422.3	5.27+04	422.9	2.67+05
650901	31458	3A	.05629	.05618	3.52+00	415.9	4.99+04	422.4	2.33+05
650901	31714	3A	.06285	.06258	3.59+00	421.8	4.84+04	424.3	2.52+05
650901	31970	3A	.05995	.05977	3.93+00	418.5	5.26+04	422.6	2.45+05
650901	44514	3A	.06517	.06615	3.67+00	411.8	5.86+04	410.5	2.51+05
650901	44770	3A	.07780	.07819	3.07+00	409.6	4.49+04	410.9	2.59+05
650901	45026	3A	.06915	.06808	3.98+00	418.9	7.56+04	411.9	2.59+05
650901	45282	3A	.08239	.08422	4.08+00	412.9	7.02+04	412.6	2.79+05
650901	46562	3A	.07126	.07189	3.95+00	410.2	4.94+04	413.1	2.39+05
650901	46818	3A	.07307	.07411	4.01+00	410.4	6.00+04	413.3	2.33+05
650901	47330	3A	.08428	.08148	3.48+00	408.3	5.71+04	409.8	2.79+05
650901	47586	3A	.07720	.07303	3.92+00	404.5	5.58+04	408.9	3.19+05
650901	47842	3A	.08049	.08197	3.70+00	406.9	5.53+04	410.8	2.55+05
650901	56594	3A	.06777	.06881	4.51+00	397.6	7.29+04	406.9	2.41+05
650901	58650	3A	.07611	.07732	4.46+00	392.6	6.94+04	397.5	2.78+05
650901	60130	3A	.07067	.07336	4.16+00	385.2	7.17+04	398.4	2.50+05
650901	60386	3A	.06211	.06156	4.17+00	390.2	6.50+04	391.9	2.43+05
650901	61410	3A	.06760	.06820	4.21+00	389.9	7.87+04	396.3	2.50+05
650901	61666	3A	.06362	.06318	4.87+00	395.6	7.06+04	399.5	3.18+05
650901	65985	3B	.16680	.17167	3.56+00	381.1	6.08+04	386.1	4.98+05
650901	68033	3B	.06480	.06460	4.41+00	396.8	6.76+04	401.6	2.70+05
650901	68269	3B	.04274	.04361	5.23+00	363.2	7.27+04	374.7	1.93+05
650901	82113	3B	.06805	.06798	3.79+00	395.4	6.36+04	397.9	3.00+05
650901	82369	3B	.03844	.03901	5.45+00	388.4	6.80+04	394.9	2.34+05
650901	84161	3B	.05376	.05403	3.98+00	407.8	5.43+04	405.8	3.04+05
650901	84417	3B	.05298	.05296	3.37+00	407.3	5.17+04	403.1	2.53+05
650901	85185	3B	.05490	.05529	3.57+00	404.3	6.09+04	402.5	2.65+05
650902	7745	3B	.06805	.06636	3.49+00	402.6	6.63+04	403.8	3.68+05
650902	9703	3B	.08071	.07205	2.93+00	384.9	1.00+05	399.6	5.27+05
650902	10561	3B	.06171	.06245	4.01+00	407.1	6.27+04	410.3	2.98+05
650902	10817	3B	.05729	.05926	3.76+00	400.1	6.84+04	408.7	2.63+05
650902	11073	3B	.06051	.06026	3.78+00	399.2	6.53+04	404.1	3.15+05
650902	22081	3B	.05011	.05011	4.66+00	385.8	6.72+04	389.6	2.89+05
650902	22337	3B	.06174	.06138	3.93+00	393.2	6.82+04	397.4	3.58+05
650902	24365	3B	.06134	.06186	3.63+00	402.8	7.58+04	405.5	3.01+05
650902	24897	3B	.05960	.05946	3.71+00	398.0	7.49+04	403.9	3.02+05
650902	36161	3B	.01632	.01682	2.81+00	381.3	5.72+04	375.0	6.73+04
650902	36417	3B	.03560	.03499	3.60+00	384.8	4.57+04	398.8	2.65+05
650902	38721	3B	.02259	.02352	2.90+00	384.1	6.43+04	373.0	1.55+05
650902	38977	3B	.01944	.02117	2.92+00	388.3	8.77+04	403.8	1.23+05
650902	40257	3B	.03026	.03503	2.82+00	410.4	3.83+04	409.6	2.93+05
650902	40513	3B	.04876	.04739	2.77+00	402.8	5.44+04	407.6	2.84+05
650902	41025	3B	.03906	.03907	2.62+00	386.7	5.02+04	390.5	2.16+05
650902	41241	3B	.02882	.02937	3.57+00	386.6	4.83+04	395.0	3.00+05
650902	61761	3B	.05965	.05947	3.38+00	403.1	5.54+04	400.0	2.35+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
650902	62017	3B	.05377	.05224	3.40+00	408.0	5.83+04	405.0	2.65+05
650902	62273	3B	.05493	.05466	3.74+00	401.1	6.25+04	400.2	2.68+05
650902	63809	3B	.04020	.04029	3.22+00	408.7	5.67+04	404.0	2.21+05
650902	64321	3B	.01533	.01562	3.55+00	394.1	7.09+04	375.0	7.07+04
650902	64577	3B	.06334	.06281	3.42+00	394.8	6.99+04	401.3	2.80+05
650902	64833	3B	.06776	.06788	3.31+00	394.4	7.00+04	401.2	2.32+05
650902	61729	3B	.05602	.06081	2.79+00	369.8	7.85+04	381.3	2.30+05
650902	61985	3B	.05479	.06137	2.57+00	369.7	8.52+04	379.8	2.69+05
650902	62241	3B	.06376	.06881	2.86+00	369.3	8.25+04	380.8	3.16+05
650902	62497	3B	.05227	.05758	2.79+00	369.5	8.35+04	382.1	3.01+05
650902	62753	3B	.04659	.04609	2.85+00	372.4	7.18+04	383.3	2.84+05
650902	64033	3B	.03923	.04014	2.83+00	373.8	6.37+04	372.2	1.81+05
650902	64289	3B	.03376	.03712	2.85+00	374.0	6.56+04	376.8	2.16+05
650902	64545	3B	.04989	.05037	2.67+00	378.7	5.38+04	380.2	1.63+05
650902	64801	3B	.05139	.05018	2.58+00	376.6	5.32+04	376.0	2.25+05
650903	7617	3B	.04073	.04073	3.56+00	377.8	3.78+04	376.5	1.51+05
650903	10433	3B	.04328	.04346	3.37+00	385.1	4.01+04	385.6	2.07+05
650903	21953	3B	.03439	.03347	3.65+00	371.4	3.26+04	369.2	1.62+05
650903	22209	3B	.03787	.03754	3.16+00	369.7	3.37+04	368.9	1.67+05
650903	22465	3B	.03632	.03617	3.39+00	365.0	3.28+04	363.6	1.43+05
650903	23745	3B	.04048	.03993	3.50+00	364.1	5.21+04	368.5	2.18+05
650903	24001	3B	.04428	.04418	3.55+00	352.7	6.09+04	353.8	1.63+05
650903	24769	3B	.03483	.03665	3.70+00	353.4	5.95+04	352.1	1.38+05
650903	25025	3B	.03887	.03866	3.27+00	354.5	5.31+04	353.9	1.57+05
650903	25281	3B	.03314	.03494	3.84+00	352.6	6.18+04	356.2	1.45+05
650903	25537	3B	.03744	.03757	3.45+00	353.6	4.83+04	354.3	1.64+05
650903	36289	3B	.02820	.02769	4.31+00	351.2	5.22+04	348.5	9.09+04
650903	36545	3B	.02238	.02547	4.11+00	352.2	6.18+04	347.9	9.68+04
650903	36801	3B	.01946	.02125	4.39+00	352.1	4.47+04	349.8	7.63+04
650903	37057	3B	.02004	.02164	4.38+00	352.1	4.22+04	347.0	8.65+04
650903	36593	3B	.01887	.01916	4.40+00	352.1	4.23+04	346.0	1.20+05
650903	38649	3B	.02695	.02631	4.52+00	350.0	4.67+04	347.9	1.23+05
650903	39617	3B	.02366	.02298	4.31+00	354.6	3.19+04	351.1	1.57+05
650903	39873	3B	.02634	.02595	4.33+00	351.1	3.64+04	348.4	1.08+05
650903	40129	3B	.02374	.02339	4.22+00	351.9	3.53+04	346.4	8.39+04
650905	31967	3A	.08440	.08713	1.97+00	549.0	2.02+05	550.5	9.44+05
650905	32223	3A	.05627	.05635	3.84+00	580.5	2.65+05	582.4	1.16+06
650905	32479	3A	.05647	.05744	2.92+00	599.9	2.30+05	598.2	1.18+06
650905	32735	3A	.04100	.03585	3.32+00	598.2	2.21+05	596.0	1.24+06
650905	32991	3A	.04325	.04401	3.14+00	606.6	2.28+05	601.7	9.49+05
650905	34783	3A	.04784	.04526	2.98+00	611.7	2.18+05	608.4	7.75+05
650905	43743	3A	.05956	.05064	2.80+00	582.3	2.35+05	595.0	1.32+06
650905	44255	3A	.03847	.04165	3.30+00	553.8	1.99+05	580.3	7.98+05
650905	44511	3A	.07769	.07176	2.38+00	505.3	4.05+05	553.6	1.02+06
650905	46303	3A	.04464	.04566	3.42+00	598.7	2.38+05	599.1	9.56+05
650905	46559	3A	.04942	.04759	3.26+00	586.7	2.21+05	586.3	9.66+05
650905	46815	3A	.04705	.04256	3.12+00	591.4	2.27+05	596.5	9.38+05
650905	58079	3A	.03362	.03357	4.54+00	580.4	1.39+05	586.7	8.91+05
650905	60382	3A	.04868	.05180	3.91+00	563.4	1.63+05	575.9	8.26+05
650905	60638	3A	.04250	.04128	3.16+00	569.0	1.40+05	576.6	7.08+05
650905	61150	3A	.04406	.04658	3.63+00	552.8	1.56+05	575.3	8.44+05
650905	61406	3A	.05967	.05293	3.80+00	543.3	1.81+05	585.4	8.10+05
650905	61662	3A	.05646	.05167	3.79+00	555.2	1.76+05	571.6	8.53+05
650905	74206	3A	.04463	.04385	4.02+00	545.6	1.57+05	585.2	9.31+05
650905	74462	3A	.04379	.04260	3.66+00	555.6	1.45+05	557.6	7.62+05
650906	350	3A	.04421	.04416	3.56+00	544.8	1.39+05	582.9	5.91+05
650906	606	3A	.04673	.04472	3.40+00	545.9	1.29+05	559.4	8.66+05
650906	1118	3A	.04232	.04335	3.35+00	543.1	1.22+05	554.2	7.05+05
650906	1374	3A	.04767	.01683	3.61+00	541.9	1.41+05	559.8	7.35+05
650906	3934	3A	.03418	.03393	3.69+00	530.1	1.18+05	561.3	7.01+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650906	14686	3A	.04382	.04566	3.51+00	516.0	1.48+05	546.4	8.67+05
650906	15198	3A	.04258	.04388	3.43+00	520.9	1.53+05	543.4	7.02+05
650906	15454	3A	.04018	.04189	3.23+00	524.5	1.48+05	542.8	6.76+05
650906	16990	3A	.04953	.05125	3.32+00	528.5	1.48+05	543.0	6.37+05
650906	17502	3A	.04359	.04382	3.32+00	524.5	1.52+05	536.4	7.08+05
650906	17758	3A	.03728	.03804	3.66+00	529.3	1.52+05	542.0	6.77+05
650906	29278	3A	.05496	.05557	3.62+00	498.2	1.25+05	508.1	5.26+05
650906	29534	3A	.05520	.05209	3.38+00	493.4	1.25+05	507.7	6.52+05
650906	29790	3A	.06087	.06358	3.41+00	484.4	1.30+05	504.5	4.07+05
650906	30046	3A	.05368	.05588	3.12+00	492.6	1.28+05	509.6	5.24+05
650906	36674	3B	.05382	.05010	3.93+00	514.2	6.76+04	507.0	6.03+05
650906	46194	3B	.06305	.06024	5.18+00	534.5	1.48+05	532.5	8.27+05
650906	48450	3B	.03446	.03818	6.77+00	509.0	1.86+05	523.9	5.74+05
650906	48706	3B	.05940	.05706	4.19+00	528.5	1.12+05	526.1	1.06+06
650906	49474	3B	.05450	.05805	5.55+00	522.8	1.74+05	527.8	5.47+05
650906	49730	3B	.05075	.05250	5.47+00	526.6	1.89+05	531.1	5.92+05
650906	51522	3B	.06233	.06319	4.36+00	562.5	2.47+05	565.3	8.00+05
650906	59486	3A	.04857	.04811	3.13+00	537.1	2.11+05	548.2	5.76+05
650906	60254	3A	.01658	.01905	5.51+00	516.1	2.95+05	527.6	6.65+05
650906	61506	3B	.04688	.04710	3.34+00	548.4	1.70+05	564.2	8.46+05
650906	61762	3B	.04900	.04638	3.13+00	547.7	1.53+05	558.0	9.96+05
650906	64066	3B	.05090	.05121	4.05+00	542.4	1.78+05	563.4	7.53+05
650906	76610	3B	.05029	.04870	3.32+00	509.2	1.06+05	522.4	6.21+05
650906	76866	3B	.04985	.04829	3.31+00	509.5	1.12+05	519.9	6.29+05
650906	77378	3B	.04963	.05067	3.22+00	514.1	1.17+05	531.3	5.33+05
650906	77634	3B	.05714	.05724	3.01+00	519.6	1.34+05	546.4	7.06+05
650906	77890	3B	.05010	.05125	3.02+00	513.6	1.27+05	534.7	7.58+05
650906	79426	3B	.04128	.04061	3.28+00	507.4	1.17+05	523.1	7.41+05
650906	79682	3B	.03949	.03982	3.07+00	509.5	1.07+05	528.1	5.56+05
650906	79938	3B	.04403	.04398	2.85+00	514.4	1.21+05	531.5	5.60+05
650906	80194	3B	.04723	.04574	2.58+00	512.5	1.18+05	525.0	5.99+05
650906	81730	3B	.04541	.04299	3.28+00	498.4	1.18+05	524.7	6.08+05
650906	81986	3B	.04882	.04754	3.07+00	500.3	1.30+05	518.1	6.78+05
650906	82242	3B	.04465	.04538	3.37+00	501.7	1.34+05	526.5	7.55+05
650906	82754	3B	.04884	.04540	3.59+00	489.4	1.18+05	505.0	6.50+05
650906	84802	3B	.04615	.04849	3.24+00	498.0	1.13+05	516.0	5.99+05
650907	19906	3B	.06541	.06111	4.32+00	501.1	1.13+05	490.1	5.33+05
650907	20418	3B	.06052	.06907	3.82+00	508.1	6.78+04	502.8	4.30+05
650907	21698	3B	.07158	.07180	4.57+00	512.2	9.50+04	512.3	4.34+05
650907	21954	3B	.07090	.06851	4.35+00	513.8	1.04+05	511.9	4.65+05
650907	22210	3B	.08120	.08113	3.93+00	509.1	8.38+04	512.0	3.87+05
650907	22466	3B	.08656	.08514	4.33+00	520.8	1.02+05	517.1	4.48+05
650907	24258	3B	.09143	.09160	3.93+00	502.2	9.80+04	504.3	4.60+05
650907	24514	3B	.09161	.09104	3.78+00	497.0	1.05+05	500.0	4.51+05
650907	24770	3B	.09178	.08841	3.80+00	498.5	1.25+05	505.0	4.68+05
650907	25282	3B	.07725	.07774	3.68+00	491.5	1.03+05	500.3	3.98+05
650907	25538	3B	.08779	.08786	3.68+00	494.1	1.04+05	502.0	4.45+05
650907	25794	3B	.08109	.08187	3.77+00	496.9	1.06+05	499.0	4.18+05
650907	36548	3B	.03576	.03597	4.27+00	473.0	6.64+04	461.1	2.91+05
650907	37314	3B	.04300	.04378	3.95+00	454.0	8.38+04	459.8	3.81+05
650907	38850	3B	.13158	.13198	1.80+00	471.4	9.70+04	472.3	3.87+05
650907	39106	3B	.03571	.03631	4.51+00	461.4	8.86+04	476.0	4.34+05
650907	39874	3B	.04713	.04660	4.98+00	461.4	8.94+04	477.7	4.01+05
650907	41922	3B	.06711	.05949	8.30+00	476.4	7.23+04	467.1	4.62+05
650907	42178	3B	.05260	.05283	4.10+00	496.5	6.33+04	485.5	3.05+05
650907	65218	3B	.06113	.06347	4.90+00	475.7	1.10+05	472.3	5.19+05
650907	67010	3B	.06313	.06263	4.63+00	476.6	1.04+05	475.2	4.39+05
650907	67778	3B	.06395	.06261	4.23+00	476.5	1.08+05	472.1	4.64+05
650907	80834	3B	.05270	.05752	3.21+00	462.2	1.45+05	482.9	5.18+05
650907	81090	3B	.05622	.06090	2.92+00	461.8	1.37+05	485.7	5.67+05

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650907	81346	3B	.04857	.05309	3.18+00	447.0	1.40+05	479.1	5.79+05
650907	81602	3B	.04742	.05133	3.50+00	452.1	1.34+05	477.3	5.28+05
650908	7490	3B	.04855	.04977	3.52+00	472.9	1.02+05	480.5	4.44+05
650908	7746	3B	.04606	.04591	3.41+00	471.6	1.02+05	478.0	4.88+05
650908	8002	3B	.04926	.04918	3.26+00	472.7	1.06+05	478.4	4.84+05
650908	8258	3B	.04929	.05136	3.41+00	470.7	1.17+05	483.0	4.58+05
650908	9794	3B	.04881	.04866	3.39+00	473.7	1.10+05	484.0	6.35+05
650908	10306	3B	.04445	.04567	3.66+00	462.8	1.29+05	483.1	4.06+05
650908	10562	3B	.04160	.04207	3.65+00	469.0	1.07+05	480.6	4.42+05
650908	10818	3B	.04580	.04641	3.63+00	466.3	1.17+05	479.7	4.85+05
650908	11074	3B	.05137	.05183	3.37+00	470.9	1.09+05	476.4	5.67+05
650910	91	3A	.03396	.03023	3.25+00	347.0	7.64+04	358.5	2.48+05
650910	347	3A	.02757	.02773	3.09+00	356.8	3.82+04	367.7	1.79+05
650910	603	3A	.01694	.01545	2.88+00	356.2	3.24+04	354.7	1.23+05
650910	1115	3A	.03000	.03033	2.98+00	353.8	3.62+04	354.7	1.84+05
650910	2651	3A	.02890	.03096	3.29+00	344.3	5.78+04	347.7	1.94+05
650910	2907	3A	.02737	.02976	3.12+00	345.7	5.21+04	345.7	2.02+05
650910	3163	3A	.03293	.03306	3.11+00	352.2	4.09+04	350.2	1.79+05
650910	27482	3A	.02763	.02594	3.54+00	361.8	6.29+04	359.5	3.23+05
650910	27738	3A	.03195	.03111	3.20+00	369.6	8.45+04	363.3	2.71+05
650910	29530	3A	.02228	.02219	3.32+00	361.6	5.23+04	366.6	2.09+05
650910	29786	3A	.03290	.03374	3.24+00	361.0	5.76+04	363.1	2.35+05
650910	30042	3A	.02959	.02936	3.29+00	362.9	5.42+04	366.5	1.90+05
650910	30298	3A	.03588	.03542	3.68+00	356.7	5.38+04	349.1	2.09+05
650910	31066	3A	.04093	.03981	2.37+00	361.1	4.54+04	344.1	1.75+05
650910	31578	3A	.05926	.05823	2.93+00	355.5	2.99+04	345.9	2.60+05
650910	54618	3A	.01804	.01895	4.54+00	345.7	1.06+05	355.2	2.10+05
650910	59738	3A	.02315	.02281	3.63+00	342.7	9.55+04	355.1	2.52+05
650910	72794	3A	.02656	.02939	5.10+00	343.0	9.74+04	350.2	2.70+05
650910	74842	3A	.02631	.02698	3.62+00	338.2	1.01+05	351.2	2.31+05
650911	474	3A	.04124	.04118	4.78+00	336.6	6.39+04	342.9	1.81+05
650911	1210	3A	.03724	.03681	4.88+00	339.8	6.36+04	344.7	2.71+05
650911	3034	3A	.04064	.04218	5.67+00	338.4	6.78+04	343.6	1.98+05
650911	31171	3B	.03538	.03694	5.71+00	320.2	5.63+04	305.0	1.25+05
650911	31427	3B	.02420	.02395	7.86+00	313.9	7.25+04	317.9	1.49+05
650911	31653	3B	.03508	.03492	5.55+00	324.4	5.24+04	319.5	1.80+05
650911	31706	3A	.02951	.03263	7.45+00	311.6	5.77+04	315.7	1.92+05
650911	31939	3B	.04461	.04454	2.55+00	316.1	3.27+04	309.3	1.29+05
650911	32195	3B	.05338	.05523	5.51+00	320.4	5.66+04	319.4	1.98+05
650911	32451	3B	.02612	.02650	4.24+00	310.3	3.68+04	307.0	1.76+05
650911	32707	3B	.05250	.04880	4.78+00	313.4	5.12+04	293.7	1.60+05
650911	32730	3A	.03876	.03816	6.28+00	317.9	5.24+04	319.1	1.86+05
650911	32963	3B	.02882	.03034	5.61+00	318.3	4.99+04	320.2	1.72+05
650911	32986	3A	.04060	.04297	6.86+00	317.8	5.63+04	314.5	1.85+05
650911	34243	3B	.03879	.03940	7.68+00	321.1	5.57+04	318.3	2.41+05
650911	34499	3B	.04961	.05088	6.84+00	326.0	4.74+04	322.5	2.66+05
650911	50115	3B	.06250	.06129	6.32+00	339.3	4.02+04	339.1	1.43+05
650911	50371	3B	.05387	.05426	6.49+00	339.8	4.27+04	338.7	1.72+05
650911	50627	3B	.04506	.04244	6.54+00	338.3	5.18+04	336.9	1.97+05
650911	52675	3B	.05327	.05347	7.21+00	325.6	4.28+04	333.5	1.27+05
650911	52931	3B	.05122	.04937	7.74+00	339.2	4.08+04	336.1	1.62+05
650911	53699	3B	.06196	.06182	6.83+00	341.2	3.98+04	342.6	1.34+05
650911	67011	3B	.04187	.04447	9.62+00	328.3	5.03+04	329.3	1.45+05
650911	67770	3B	.04717	.04522	1.03+01	332.7	4.60+04	333.6	1.61+05
650911	68035	3B	.05428	.05570	1.02+01	330.1	5.10+04	330.3	1.49+05
650911	69827	3B	.04124	.04099	1.06+01	342.0	3.87+04	343.3	9.17+04
650911	70339	3B	.04006	.03884	1.07+01	340.8	3.86+04	338.6	1.44+05
650911	79299	3B	.04727	.04559	1.14+01	332.3	4.29+04	327.6	1.33+05
650911	79555	3B	.05030	.04977	1.13+01	331.4	4.42+04	331.8	1.46+05
650911	82371	3B	.03059	.03085	1.43+01	338.1	5.06+04	336.2	1.14+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650911	83139	3B	.03810	.03844	1.36+01	332.1	4.72+04	330.1	1.32+05
650911	83395	3B	.04073	.03997	1.36+01	332.7	4.45+04	331.7	1.28+05
650912	7235	3B	.07841	.06057	6.73+00	363.3	7.06+04	357.3	1.33+05
650912	7491	3B	.06902	.06044	7.61+00	359.1	8.02+04	360.1	1.40+05
650912	7747	3B	.09788	.09116	7.39+00	357.6	7.82+04	356.2	3.18+05
650912	9539	3B	.03031	.06598	1.13+01	376.1	2.20+05	403.3	5.04+05
650912	10051	3B	.02814	.02873	1.11+01	362.0	1.86+05	397.9	3.09+05
650912	10307	3B	.02895	.06317	8.35+00	372.9	2.10+05	399.1	4.15+05
650912	10563	3B	.03866	.08645	7.86+00	367.0	2.05+05	381.0	3.94+05
650912	31555	3B	.03773	.04216	8.60+00	408.5	1.03+05	412.5	3.59+05
650912	33859	3B	.03532	.03606	7.46+00	401.2	9.47+04	405.7	2.85+05
650912	34115	3B	.03729	.03551	7.79+00	398.3	9.05+04	400.7	3.29+05
650912	34627	3B	.03558	.03945	7.55+00	394.4	8.47+04	395.5	3.10+05
650912	50756	3B	.04382	.04230	7.89+00	417.3	8.73+04	420.5	3.93+05
650912	51011	3B	.03173	.03063	1.05+01	410.8	7.52+04	415.0	3.35+05
650912	51267	3B	.05228	.04926	6.19+00	417.4	6.98+04	416.1	4.60+05
650912	61524	3B	.03410	.03227	8.16+00	421.6	1.07+05	428.5	4.37+05
650912	63316	3B	.04459	.04099	5.16+00	410.3	5.86+04	408.8	4.58+05
650912	54083	3B	.03754	.03438	8.53+00	406.1	6.49+04	403.2	4.05+05
650912	54340	3B	.03681	.03371	5.47+00	409.5	5.65+04	403.4	3.95+05
650912	54596	3B	.03459	.03426	5.27+00	403.1	5.79+04	397.4	3.24+05
650912	65828	3B	.05536	.05253	5.81+00	412.1	6.65+04	407.5	2.21+05
650912	66340	3B	.11690	.11668	6.59+00	399.0	3.77+04	399.5	1.03+05
650912	66596	3B	.13333	.13351	6.13+00	397.1	3.57+04	400.6	1.13+05
650912	68900	3B	.11384	.11428	6.58+00	406.1	5.87+04	401.9	1.39+05
650912	69156	3B	.11526	.11524	8.83+00	405.7	5.75+04	400.2	1.39+05
650912	81956	3B	.04581	.04479	4.92+00	405.2	5.93+04	407.0	2.44+05
650912	82980	3B	.02711	.02689	6.42+00	391.6	5.34+04	392.8	1.52+05
650912	83256	3B	.03574	.03209	6.16+02	394.5	5.02+04	389.5	2.18+05
650914	73303	3A	.04088	.04299	2.53+00	305.7	7.57+04	308.8	9.80+04
650914	83542	3A	.02267	.01987	3.86+00	313.0	6.30+04	313.1	2.21+05
650914	83798	3A	.01625	.01622	3.90+00	299.2	5.42+04	309.9	6.96+04
650915	214	3A	.03848	.03833	4.66+00	325.1	2.32+04	327.9	6.65+04
650915	14038	3A	.03046	.03040	2.95+00	325.3	2.49+04	327.1	4.63+04
650915	14294	3A	.03305	.03269	3.81+00	323.4	2.30+04	326.3	6.93+04
650915	14806	3A	.02905	.02907	3.36+00	328.0	2.58+04	325.1	6.83+04
650915	17622	3A	.02847	.02642	4.39+00	317.2	2.36+04	315.0	1.07+05
650915	27606	3A	.01894	.02087	4.25+00	318.8	4.84+04	317.9	0.18+04
650915	28630	3A	.02853	.02967	3.83+00	321.9	4.26+04	317.8	1.40+05
650915	51926	3A	.06840	.10080	2.59+00	301.7	7.44+04	303.8	1.20+05
650915	52182	3A	.08878	.08580	2.84+00	299.7	4.44+04	301.7	2.09+05
650915	53462	3A	.02031	.02321	5.44+00	331.3	6.79+04	346.9	2.71+05
650915	54486	3A	.03246	.03721	7.52+00	332.9	6.85+04	335.9	2.50+05
650915	74198	3A	.04078	.04148	8.91+00	349.3	8.10+04	358.5	2.79+05
650915	74454	3A	.04474	.04314	1.62+01	355.4	7.14+04	354.8	2.78+05
650915	74710	3A	.04661	.04595	1.14+01	345.3	7.26+04	356.7	2.80+05
650915	77782	3A	.03413	.03839	9.58+00	344.9	7.76+04	353.8	2.91+05
650916	342	3A	.05049	.05537	7.50+00	340.5	8.06+04	344.3	1.82+05
650916	598	3A	.05083	.06437	7.70+00	340.6	8.47+04	348.7	3.03+05
650916	2645	3A	.07474	.06346	8.89+00	344.3	8.88+04	347.8	2.48+05
650916	2902	3A	.06166	.07037	8.97+00	345.3	7.92+04	348.0	2.30+05
650916	3413	3A	.06937	.08036	1.04+01	338.2	8.91+04	341.7	2.09+05
650916	3669	3A	.06889	.07121	9.50+00	339.6	8.00+04	343.8	2.29+05
650916	9253	3B	.04990	.05881	1.06+01	311.5	9.02+04	324.1	2.39+05
650916	9509	3B	.05400	.07069	8.98+00	311.0	9.00+04	318.4	2.01+05
650916	11045	3B	.06711	.07294	8.26+00	319.8	8.35+04	325.6	1.99+05
650916	18261	3A	.02850	.12386	1.05+01	338.1	1.89+05	348.4	2.93+05
650916	22053	3B	.05851	.05946	2.02+01	383.6	1.19+05	387.4	3.62+05
650916	23845	3B	.05894	.06340	2.32+01	386.6	1.44+05	394.6	4.09+05
650916	24613	3B	.05917	.06033	2.36+01	385.7	1.28+05	391.2	3.78+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
650916	25381	38	.05398	.05050	2.24+01	386.5	1.89+05	397.1	2.79+05
650916	31761	38	.03661	.03587	1.38+01	367.9	6.32+04	366.2	2.29+05
650916	32037	38	.03395	.03471	1.30+01	377.8	7.00+04	383.1	2.16+05
650916	50725	38	.03802	.03621	1.11+01	450.4	2.25+05	476.6	3.68+05
650916	50981	38	.03400	.03827	1.08+01	451.5	2.82+05	483.6	6.29+05
650916	51237	38	.03736	.03840	9.89+00	455.3	2.45+05	476.0	5.27+05
650916	51493	38	.04455	.03569	1.02+01	462.3	2.46+05	485.1	6.98+05
650916	51749	38	.04315	.04302	1.15+01	459.6	2.39+05	485.7	6.11+05
650916	53285	38	.04350	.04418	7.73+00	496.3	2.25+05	502.5	5.67+05
650916	54053	38	.06563	.06643	5.66+00	498.6	2.41+05	527.2	7.30+05
650916	65061	38	.04310	.04789	4.67+00	506.8	2.33+05	546.7	7.91+05
650916	65317	38	.03746	.04038	4.24+00	499.8	1.94+05	547.5	9.43+05
650916	65629	38	.04579	.04140	5.84+00	495.2	1.70+05	506.7	8.97+05
650916	67621	38	.04112	.04341	4.99+00	518.1	1.67+05	520.0	7.05+05
650916	68197	38	.03975	.03949	4.78+00	520.6	1.70+05	525.2	9.05+05
650916	68389	38	.03519	.03353	4.78+00	513.3	1.57+05	526.1	7.50+05
650916	68421	38	.05168	.05042	5.07+00	529.8	1.84+05	534.1	7.37+05
650916	81701	38	.04554	.04408	5.35+00	513.1	1.91+05	532.4	7.73+05
650916	81957	38	.05797	.05419	4.75+00	514.9	1.56+05	526.2	6.80+05
650916	82213	38	.04602	.04570	5.01+00	517.2	1.41+05	529.1	6.42+05
650916	82469	38	.04056	.04069	4.78+00	512.8	1.44+05	527.4	6.42+05
650916	82981	38	.04071	.04135	4.77+00	510.3	1.46+05	531.2	5.31+05
650916	83237	38	.04153	.04022	4.67+00	515.8	1.41+05	532.6	8.63+05
650916	83493	38	.04722	.04346	4.91+00	501.6	1.46+05	524.0	6.31+05
650917	4773	38	.02578	.02612	4.20+00	484.6	0.38+04	494.6	3.81+05
650917	5029	38	.04303	.04333	3.40+00	474.0	0.26+04	510.5	9.43+05
650917	5541	38	.03202	.03040	4.67+00	473.3	1.11+05	511.8	7.35+05
650917	5797	38	.02890	.03172	5.15+00	472.6	1.18+05	506.9	6.12+05
650917	7333	38	.05765	.06117	5.95+00	476.1	1.58+05	509.2	6.36+05
650917	8101	38	.04468	.04451	4.86+00	480.7	1.41+05	511.5	6.87+05
650917	24465	38	.03708	.03897	4.57+00	495.0	1.19+05	489.8	4.59+05
650917	24741	38	.03457	.03651	6.03+00	480.3	1.62+05	496.0	7.63+05
650917	26533	38	.03452	.03516	5.72+00	482.3	1.58+05	494.0	5.72+05
650917	26789	38	.03468	.03541	5.97+00	494.4	1.64+05	499.7	5.86+05
650917	27557	38	.03736	.03851	5.47+00	507.0	1.37+05	500.9	6.54+05
650917	36261	38	.05434	.05320	5.08+00	470.0	1.41+05	492.4	5.91+05
650917	36517	38	.06368	.06379	4.94+00	475.4	1.45+05	496.5	7.18+05
650917	36773	38	.06507	.06574	5.10+00	473.6	1.53+05	494.0	6.71+05
650917	38821	38	.05896	.05866	5.59+00	473.5	1.63+05	489.0	6.49+05
650917	39077	38	.06574	.06783	4.16+00	481.7	1.56+05	495.9	5.52+05
650917	51365	38	.05251	.05577	4.78+00	484.2	1.24+05	484.4	4.99+05
650917	51877	38	.05287	.05422	4.69+00	473.3	1.33+05	480.1	5.99+05
650917	52133	38	.05449	.05138	4.63+00	478.7	1.32+05	488.6	6.36+05
650917	52389	38	.04366	.04163	4.80+00	481.1	1.23+05	484.0	4.76+05
650917	52645	38	.05514	.04970	5.05+00	464.5	1.45+05	483.1	8.19+05
650917	54437	38	.06158	.06104	4.60+00	473.6	1.32+05	489.1	5.45+05
650917	56229	38	.05808	.05826	5.02+00	464.0	1.42+05	491.6	6.88+05
650919	467	3A	.04995	.04876	9.09+00	435.7	1.44+05	438.5	3.85+05
650919	1235	3A	.05118	.05290	6.61+00	441.6	1.29+05	440.4	3.88+05
650919	1491	3A	.04522	.04389	9.10+00	439.2	1.33+05	443.1	3.83+05
650919	2771	3A	.05094	.05021	9.40+00	439.7	1.41+05	444.6	3.73+05
650919	3027	3A	.05881	.05627	7.18+00	446.1	1.28+05	444.1	4.27+05
650919	3795	3A	.05035	.05066	7.28+00	432.0	1.19+05	437.2	3.60+05
650919	4051	3A	.04927	.05250	7.84+00	431.5	1.34+05	439.9	4.32+05
650919	14803	3A	.07128	.07074	4.71+00	399.1	7.32+04	417.7	2.92+05
650919	15315	3A	.10462	.10773	4.01+00	410.4	8.61+04	422.1	2.37+05
650919	15571	3A	.09773	.09904	6.21+00	407.2	9.17+04	405.6	4.05+05
650919	15827	3A	.03576	.03946	6.67+00	401.9	1.14+05	410.1	2.09+05
650919	17363	3A	.13699	.13967	2.18+00	407.4	7.69+04	411.4	4.41+05
650919	17875	3A	.08564	.08626	5.37+00	420.4	9.18+04	421.3	3.52+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650919	16131	3A	.11584	.11670	4.88+00	396.6	1.96+05	423.8	2.20+05
650919	16387	3A	.08893	.08961	5.28+00	418.0	1.08+05	420.8	3.18+05
650919	26835	3A	.06676	.06923	5.48+00	420.0	1.39+05	427.4	3.48+05
650919	27091	3A	.05766	.05837	6.18+00	416.7	1.32+05	428.1	3.46+05
650919	27347	3A	.07284	.07501	5.34+00	423.9	1.18+05	424.8	3.88+05
650919	27603	3A	.06474	.06462	5.98+00	422.3	1.05+05	427.6	3.34+05
650919	27859	3A	.06943	.07296	5.81+00	433.6	1.13+05	437.1	3.12+05
650919	28115	3A	.07151	.07480	5.49+00	423.6	1.17+05	432.1	3.62+05
650919	30675	3A	.04634	.04745	6.38+00	433.6	1.19+05	438.4	2.76+05
650919	54227	3A	.02678	.02367	3.98+00	447.0	7.52+04	437.8	5.95+05
650919	54482	3A	.02851	.02635	3.95+00	444.7	8.57+04	437.7	4.12+05
650919	54738	3A	.02420	.02371	4.51+00	448.6	7.61+04	440.6	4.62+05
650919	54994	3A	.02845	.02842	4.51+00	447.6	8.13+04	452.0	4.18+05
650919	56530	3A	.03175	.03122	4.28+00	444.6	8.80+04	437.0	3.96+05
650919	56786	3A	.02907	.02857	4.34+00	446.2	7.86+04	440.6	4.44+05
650919	57042	3A	.03687	.03529	4.92+00	450.6	7.97+04	444.8	3.13+05
650919	57298	3A	.03451	.03415	4.16+00	447.2	8.45+04	442.4	4.40+05
650919	57554	3A	.04002	.03965	3.68+00	445.6	8.94+04	440.6	3.44+05
650919	58834	3A	.03266	.03270	3.75+00	447.5	7.91+04	444.9	4.31+05
650919	59090	3A	.03341	.03086	3.66+00	449.9	7.74+04	439.1	3.77+05
650919	59346	3A	.03801	.03830	3.68+00	447.3	7.23+04	444.3	4.58+05
650919	59602	3A	.03823	.03802	3.78+00	448.2	8.24+04	444.1	4.82+05
650919	59856	3A	.03589	.03583	4.89+00	448.4	6.29+04	446.8	4.69+05
650920	57894	3B	.05102	.05172	3.76+00	384.5	4.24+04	389.9	3.74+05
650920	58662	3B	.08026	.08044	2.36+00	371.1	3.05+04	378.8	3.80+05
650920	60198	3B	.03042	.02944	3.63+00	401.7	8.34+04	391.4	3.86+05
650920	60710	3B	.06345	.06444	1.61+00	393.1	4.73+04	393.1	3.17+05
650920	60966	3B	.03997	.04086	4.25+00	399.5	6.53+04	395.8	2.86+05
650920	61222	3B	.01934	.01908	4.92+00	398.2	6.99+04	404.7	2.67+05
650920	63014	3B	.03181	.03160	3.97+00	389.9	7.00+04	389.5	2.12+05
650920	65810	3A	.02539	.02333	4.62+00	363.2	1.21+05	380.7	2.77+05
650920	75302	3B	.01929	.02164	5.25+00	380.8	9.65+04	386.4	1.80+05
650920	75558	3B	.02686	.02690	5.38+00	375.5	1.33+05	405.4	2.84+05
650920	77350	3B	.02098	.02744	4.68+00	384.3	8.98+04	396.9	3.32+05
650920	77862	3B	.03084	.03109	4.55+00	404.8	7.48+04	402.7	3.15+05
650920	78116	3B	.02932	.02800	4.99+00	407.1	1.03+05	410.1	4.20+05
650921	14756	3B	.01104	.01101	5.21+00	409.0	3.91+04	403.4	2.22+05
650921	15270	3B	.01260	.01269	4.86+00	409.6	4.57+04	411.1	3.02+05
650921	15526	3B	.01313	.01312	5.58+00	409.4	4.28+04	407.5	2.53+05
650921	15782	3B	.01184	.01189	5.18+00	405.6	4.08+04	405.5	1.63+05
650921	17318	3B	.01166	.01109	5.37+00	401.2	5.12+04	403.0	3.27+05
650921	17630	3B	.00887	.00881	5.47+00	402.4	5.21+04	401.3	1.71+05
650921	18066	3B	.01114	.01121	5.05+00	402.4	5.00+04	403.1	2.79+05
650921	18342	3B	.01288	.01277	5.15+00	402.4	3.88+04	404.7	1.56+05
650921	28070	3B	.00815	.00801	4.99+00	392.9	5.04+04	397.3	1.94+05
650921	28326	3B	.00949	.00907	4.83+00	393.7	5.13+04	389.1	3.61+05
650921	28582	3B	.01075	.01064	4.78+00	384.3	5.05+04	392.9	2.42+05
650921	29094	3B	.01101	.01125	4.75+00	395.2	4.84+04	392.7	3.03+05
650921	29350	3B	.01165	.01187	5.00+00	395.5	4.67+04	389.8	2.76+05
650921	31142	3B	.00859	.00898	6.32+01	375.7	3.94+04	393.8	1.72+05
650921	44710	3B	.01729	.01708	3.18+00	368.8	5.32+04	370.3	2.04+05
650921	44966	3B	.01220	.01229	4.41+00	368.8	4.38+04	369.6	2.29+05
650921	45476	3B	.01568	.01567	3.60+00	368.0	3.29+04	360.4	1.33+05
650921	45734	3B	.01655	.01679	4.98+00	375.0	3.99+04	364.7	1.83+05
650921	46246	3B	.02012	.02021	4.57+00	366.5	4.43+04	361.2	1.99+05
650921	56998	3B	.03650	.03541	3.33+00	350.4	7.59+04	353.3	2.31+05
650921	57510	3B	.02966	.02912	2.63+00	353.0	3.82+04	337.7	1.96+05
650921	73126	3B	.01871	.01909	4.74+00	356.6	5.52+04	356.2	2.44+05
650921	73342	3B	.02520	.02502	4.31+00	354.3	6.11+04	348.4	2.65+05
650921	73648	3B	.02263	.02194	4.35+00	354.0	5.65+04	350.0	1.78+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
650921	75174	3B	.01983	.02014	4.50+00	353.9	4.08+04	355.9	1.68+05
650921	75430	3B	.01995	.01979	4.42+00	355.7	4.64+04	356.0	1.82+05
650921	75686	3B	.02062	.02066	4.58+00	355.3	4.01+04	353.6	1.45+05
650921	76198	3B	.01978	.01951	4.84+00	354.9	4.44+04	355.4	1.52+05
650921	76454	3B	.02252	.02205	4.27+00	354.2	4.92+04	351.9	1.66+05
650921	84902	3B	.01498	.01393	3.97+00	347.2	3.77+04	337.0	1.94+05
650921	85156	3B	.01356	.01353	4.71+00	348.7	3.21+04	350.1	2.46+05
650921	85926	3B	.01149	.01145	5.06+00	350.9	2.53+04	349.0	1.01+05
650922	9510	3B	.02491	.02485	5.32+00	349.9	2.37+04	350.7	9.33+04
650922	9766	3B	.02742	.02734	5.06+00	347.4	2.48+04	350.6	9.62+04
650922	12838	3B	.01791	.01786	5.66+00	347.8	2.36+04	349.7	8.43+04
650922	27943	3B	.01935	.01895	4.97+00	329.4	2.27+04	326.9	1.73+05
650922	28199	3B	.01759	.01751	5.04+00	328.7	2.37+04	330.0	9.90+04
650922	28455	3B	.01147	.01130	4.53+00	330.4	2.28+04	328.1	9.62+04
650922	53891	3B	.05735	.05736	5.73+00	306.7	2.03+04	312.0	7.55+04
650922	56195	3B	.01241	.01241	1.21+01	322.1	2.96+04	308.3	9.33+04
650922	57219	3B	.01973	.01976	1.18+01	318.7	3.12+04	321.0	6.10+04
650923	43919	3A	.04488	.03871	1.07+01	387.2	1.76+05	407.3	4.35+05
650923	44431	3A	.01619	.04561	1.27+01	390.3	3.36+05	432.5	5.14+05
650923	44687	3A	.04128	.04752	1.17+01	379.7	2.24+05	406.0	3.87+05
650923	44943	3A	.04426	.09618	1.25+01	402.6	2.09+05	419.0	4.40+05
650923	62095	3A	.03479	.03637	9.19+00	436.4	2.12+05	461.5	5.23+05
650923	64911	3A	.04016	.12315	7.86+00	418.1	2.11+05	449.0	5.64+05
650923	65167	3A	.07536	.07318	7.33+00	415.7	1.45+05	420.2	8.55+05
650924	4367	3A	.06287	.06309	6.48+00	438.8	1.69+05	466.0	4.94+05
650924	4879	3A	.05464	.04985	6.59+00	465.8	1.63+05	475.1	5.26+05
650924	12815	3A	.07337	.07762	6.20+00	460.1	1.66+05	480.0	4.61+05
650924	13327	3A	.08413	.06864	6.65+00	455.2	1.80+05	473.8	5.64+05
650924	13583	3A	.07404	.07556	5.10+00	444.5	1.73+05	472.7	4.88+05
650924	15119	3A	.07436	.07503	6.15+00	453.5	1.66+05	469.8	4.64+05
650924	15375	3A	.06143	.06327	6.58+00	467.6	1.52+05	473.0	4.43+05
650924	21263	3A	.07463	.07663	6.70+00	467.8	1.76+05	475.1	4.99+05
650924	21519	3A	.07560	.08280	6.32+00	460.5	1.92+05	481.2	4.81+05
650924	23055	3A	.06214	.06223	5.99+00	464.4	1.74+05	484.2	5.13+05
650924	23311	3A	.06394	.07381	5.27+00	458.9	1.77+05	475.4	4.85+05
650924	23567	3A	.07707	.07726	6.27+00	480.9	1.60+05	476.1	6.00+05
650924	36110	3A	.05878	.06658	5.52+00	453.5	1.69+05	485.7	5.85+05
650924	37902	3A	.06210	.06418	5.15+00	458.0	1.48+05	476.0	6.94+05
650924	38870	3A	.06557	.06728	4.93+00	458.4	1.61+05	480.6	6.39+05
650924	38926	3A	.06075	.06372	5.27+00	456.5	1.62+05	480.6	6.18+05
650924	39162	3A	.05520	.05801	5.05+00	473.5	1.38+05	483.5	5.70+05
650924	50446	3A	.03135	.03114	3.12+00	427.8	7.73+04	444.7	3.52+05
650924	53008	3A	.05625	.05972	4.33+00	439.3	1.32+05	484.2	5.38+05
650924	53518	3A	.05871	.05561	4.62+00	450.6	1.42+05	465.2	5.96+05
650924	72206	3A	.05952	.05943	5.38+00	443.0	1.05+05	449.9	3.48+05
650924	73998	3A	.06277	.06331	5.13+00	450.7	7.70+04	447.2	4.01+05
650924	74254	3A	.06449	.06546	4.76+00	449.8	7.99+04	451.0	3.45+05
650924	74510	3A	.06861	.06418	4.61+00	447.4	8.87+04	448.0	3.91+05
650925	3982	3A	.08496	.06969	5.23+00	432.9	1.19+05	444.0	3.90+05
650925	5774	3A	.06065	.06130	4.95+00	437.0	9.67+04	446.6	4.15+05
650925	6030	3A	.05335	.05384	5.35+00	433.9	1.08+05	442.2	3.91+05
650925	6542	3A	.06007	.06216	4.57+00	435.8	1.04+05	440.7	3.92+05
650925	6798	3A	.05321	.05084	4.87+00	437.9	9.80+04	443.1	3.96+05
650925	7310	3A	.05264	.05276	5.16+00	438.1	9.83+04	443.8	4.19+05
650925	22414	3A	.05250	.05295	4.17+00	444.1	8.28+04	443.0	3.02+05
650925	22670	3A	.04949	.04873	4.25+00	434.4	9.24+04	439.8	3.96+05
650925	22926	3A	.06074	.06034	3.63+00	434.1	8.77+04	443.5	3.42+05
650925	23438	3A	.05744	.05704	3.64+00	439.2	7.50+04	439.3	3.08+05
650925	23950	3A	.05929	.05664	3.38+00	432.4	9.97+04	444.4	4.58+05
650925	24206	3A	.05861	.05640	3.24+00	440.9	7.66+04	439.5	4.27+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650925	32654	3A	.06779	.06978	3.39+00	432.9	9.39+04	445.0	5.28+05
650925	32910	3A	.05702	.05649	3.32+00	435.9	7.73+04	434.9	3.68+05
650925	33166	3A	.05436	.05529	4.05+00	451.2	7.92+04	445.5	2.83+05
650925	33422	3A	.05940	.05608	3.66+00	424.6	1.05+05	446.0	4.50+05
650925	42500	3B	.05684	.05751	4.20+00	432.6	7.95+04	447.8	3.74+05
650925	42755	3B	.03068	.03169	5.70+00	419.1	1.21+05	456.0	3.45+05
650925	43012	3B	.06639	.06832	2.96+00	386.1	7.65+04	418.0	3.22+05
650925	43771	3B	.04544	.04512	4.96+00	434.6	8.22+04	441.9	3.86+05
650925	44035	3B	.06195	.06261	4.41+00	432.9	7.97+04	447.6	3.69+05
650925	60164	3B	.06966	.06741	3.89+00	431.1	7.45+04	439.2	3.69+05
650925	61444	3B	.05244	.05330	4.92+00	430.8	1.33+05	444.9	2.93+05
650925	61700	3B	.06814	.06759	2.92+00	431.1	9.71+04	437.5	4.03+05
650925	70660	3B	.06528	.08790	3.33+00	435.2	7.55+04	437.8	3.38+05
650925	72708	3B	.07755	.07654	3.96+00	432.0	6.28+04	424.6	4.22+05
650925	72964	3B	.06814	.08749	2.60+00	419.0	6.70+04	425.4	3.40+05
650925	73220	3B	.05224	.05242	4.72+00	418.6	7.95+04	421.6	3.17+05
650925	73476	3B	.07432	.07133	3.68+00	432.4	5.82+04	430.0	3.52+05
650925	73988	3B	.05884	.05893	4.10+00	445.6	7.01+04	438.8	3.26+05
650926	13124	3B	.06131	.06128	5.00+00	423.3	7.02+04	418.4	2.58+05
650926	13380	3B	.07045	.06994	4.36+00	425.3	5.83+04	426.0	2.64+05
650926	13638	3B	.07505	.07513	4.20+00	428.1	6.23+04	428.3	2.49+05
650926	13892	3B	.07041	.06994	4.68+00	425.4	5.88+04	422.3	2.53+05
650926	14148	3B	.09430	.08882	3.65+00	420.4	5.09+04	419.7	4.42+05
650926	14404	3B	.06309	.06277	4.76+00	419.0	6.99+04	421.5	2.51+05
650926	16196	3B	.06950	.06724	4.36+00	411.3	6.75+04	419.1	3.35+05
650926	16452	3B	.06363	.06343	4.15+00	409.1	6.58+04	419.5	2.36+05
650926	25412	3B	.04894	.04714	4.12+00	406.1	5.38+04	408.5	2.96+05
650926	25668	3B	.04559	.04540	4.44+00	411.2	5.65+04	418.9	2.24+05
650926	25924	3B	.04950	.04810	4.27+00	414.1	4.92+04	416.0	3.07+05
650926	26180	3B	.04691	.04673	4.14+00	406.9	5.82+04	416.7	2.99+05
650926	27460	3B	.04852	.04706	3.91+00	401.1	5.43+04	410.3	3.28+05
650926	27716	3B	.04227	.04303	3.95+00	399.5	5.90+04	407.6	3.02+05
650926	27972	3B	.04157	.04096	3.93+00	399.9	5.57+04	411.2	2.97+05
650926	54265	3B	.05333	.05516	4.16+00	379.1	7.86+04	393.2	2.97+05
650926	54521	3B	.05988	.06197	4.28+00	378.7	7.60+04	394.0	2.66+05
650926	55289	3B	.06166	.06730	3.63+00	374.5	8.28+04	390.9	3.01+05
650926	55545	3B	.05897	.06065	4.02+00	374.2	7.50+04	392.2	3.16+05
650926	55801	3B	.06500	.06707	4.06+00	392.0	5.86+04	396.6	2.89+05
650926	70393	3B	.05637	.05781	3.58+00	366.0	6.13+04	362.1	2.85+05
650926	72441	3B	.07279	.07342	3.41+00	365.3	5.51+04	374.1	2.95+05
650926	72953	3B	.06361	.06441	3.64+00	366.0	6.46+04	374.3	2.58+05
650926	73721	3B	.05643	.05677	5.14+00	353.0	8.99+04	372.2	2.71+05
650926	73977	3B	.03902	.04012	5.42+00	359.4	6.28+04	375.1	2.77+05
650927	2681	3B	.07115	.07751	7.75+00	387.5	1.25+05	400.4	3.30+05
650927	2937	3B	.09545	.10659	7.55+00	394.1	1.32+05	390.8	3.52+05
650927	3193	3B	.06103	.06223	7.84+00	392.2	1.31+05	404.8	3.25+05
650927	3449	3B	.05962	.06738	8.49+00	391.2	1.27+05	401.7	3.46+05
650927	3705	3B	.05779	.06356	8.28+00	395.0	1.10+05	404.8	3.36+05
650927	4985	3B	.05792	.05673	9.21+00	303.9	1.14+05	404.1	3.17+05
650927	5497	3B	.06005	.06348	9.51+00	391.7	1.10+05	401.7	3.40+05
650927	5753	3B	.05865	.06216	9.13+00	390.3	1.08+05	400.6	3.59+05
650928	44043	3A	.04325	.05072	6.27+00	345.4	1.01+05	345.6	2.67+05
650928	46603	3A	.16067	.16923	4.75+00	350.3	3.73+04	321.6	3.11+05
650928	63499	3A	.07270	.07466	8.94+00	394.7	1.01+05	400.1	3.68+05
650928	64523	3A	.06828	.07200	6.40+00	396.6	9.38+04	400.7	3.45+05
650928	64779	3A	.07536	.08155	9.17+00	389.9	1.12+05	398.3	2.77+05
650928	75019	3A	.05490	.05586	6.04+00	445.8	1.83+05	440.7	3.88+05
650928	75275	3A	.05539	.05732	6.16+00	435.8	1.96+05	445.0	4.14+05
650928	75531	3A	.05515	.05546	5.92+00	445.7	1.49+05	447.5	4.11+05
650928	75787	3A	.06295	.05951	6.11+00	448.0	1.70+05	456.3	4.60+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650928	76043	3A	.05447	.05144	5.89+00	446.4	1.47+05	458.7	4.66+05
650928	77579	3A	.06936	.06922	5.83+00	434.7	1.42+05	447.2	4.13+05
650928	79115	3A	.05107	.05169	5.34+00	446.9	1.28+05	451.1	3.53+05
650928	79371	3A	.05313	.05248	5.33+00	446.2	1.11+05	451.0	4.16+05
650928	79627	3A	.05908	.05538	4.89+00	448.4	9.76+04	451.0	5.50+05
650929	10379	3A	.05760	.05790	3.84+00	467.5	8.70+04	478.7	2.87+05
650929	10635	3A	.05789	.05750	4.05+00	473.9	7.17+04	477.2	3.76+05
650929	10891	3A	.05386	.05414	3.77+00	462.6	7.82+04	478.8	3.43+05
650929	11147	3A	.05842	.05797	3.78+00	483.1	7.63+04	479.7	4.06+05
650929	11403	3A	.06423	.06431	3.53+00	478.5	7.17+04	480.8	4.12+05
650929	12683	3A	.05297	.05024	3.92+00	453.0	9.05+04	461.8	4.32+05
650929	13707	3A	.06503	.06339	3.97+00	466.9	7.12+04	469.1	3.85+05
650929	13983	3A	.05558	.05791	3.86+00	455.7	8.15+04	464.8	3.96+05
650929	14426	3A	.05247	.05368	3.84+00	419.1	9.70+04	436.3	3.80+05
650929	14682	3A	.05123	.05306	3.38+00	416.7	9.61+04	441.5	3.86+05
650929	146474	3A	.05982	.06068	3.02+00	419.6	9.17+04	437.6	4.04+05
650929	15730	3A	.06104	.06268	3.12+00	414.2	9.45+04	439.8	3.68+05
650929	16890	3A	.04531	.04674	2.69+00	415.5	7.72+04	434.9	3.49+05
650929	17738	3A	.04554	.04548	2.94+00	432.3	8.61+04	440.5	2.71+05
650929	63626	3A	.05441	.05416	2.56+00	427.4	7.00+04	430.6	2.43+05
650929	63882	3A	.07178	.07183	2.66+00	426.6	7.91+04	434.2	2.66+05
650929	64138	3A	.06046	.05575	2.35+00	428.5	6.63+04	427.4	4.70+05
650929	64394	3A	.05961	.05938	2.33+00	426.7	5.99+04	425.7	3.28+05
650929	64650	3A	.05086	.05103	2.23+00	429.9	5.12+04	428.3	2.46+05
650929	64906	3A	.05308	.05197	2.14+00	442.0	5.25+04	434.0	2.55+05
650929	65162	3A	.05905	.05940	2.10+00	432.5	4.96+04	434.5	2.68+05
650929	65674	3A	.05128	.05355	2.22+00	415.2	7.12+04	421.2	2.38+05
650929	65930	3A	.05742	.05760	2.31+00	425.3	6.34+04	432.7	2.55+05
650929	66186	3A	.05813	.05835	2.15+00	430.4	4.74+04	427.1	3.74+05
650929	66698	3A	.05668	.05642	2.17+00	444.1	5.83+04	438.8	2.77+05
650929	78474	3A	.05776	.05809	2.53+00	401.5	8.42+04	416.0	2.74+05
650929	79242	3A	.04276	.04192	3.29+00	420.6	6.96+04	410.2	2.86+05
650929	80522	3A	.05452	.05512	2.20+00	413.5	5.78+04	420.6	2.51+05
650929	80778	3A	.05668	.05734	2.31+00	400.1	7.07+04	409.8	2.45+05
650929	81034	3A	.06458	.06446	2.13+00	414.7	4.98+04	418.6	2.68+05
650929	81290	3A	.05778	.05774	2.40+00	405.7	6.49+04	414.7	2.71+05
650929	82826	3A	.05979	.06013	2.48+00	412.9	5.57+04	420.4	2.84+05
650929	83082	3A	.04275	.04377	2.65+00	414.8	7.15+04	422.0	2.49+05
650929	83338	3A	.04378	.04374	2.70+00	425.4	7.03+04	422.0	2.88+05
650929	83594	3A	.06025	.06528	2.34+00	409.4	6.52+04	412.5	3.27+05
650929	83850	3A	.04937	.05004	2.94+00	416.8	7.36+04	421.3	2.95+05
650929	85386	3A	.06285	.06190	2.53+00	412.2	5.98+04	414.6	3.14+05
650929	85898	3A	.05678	.05636	2.65+00	414.4	6.11+04	417.3	2.77+05
650929	86154	3A	.05124	.05159	2.81+00	403.7	7.31+04	414.0	2.69+05
650930	26362	3B	.10849	.10282	1.57+00	381.2	2.83+04	366.7	4.17+05
650930	30458	3B	.03047	.03168	2.30+00	359.3	8.73+04	360.2	3.47+05
650930	38138	3B	.06243	.06894	1.48+00	363.4	1.06+05	362.2	1.65+05
650930	50682	3B	.02750	.02921	2.38+00	365.5	5.45+04	365.2	9.32+04
650930	50938	3B	.03052	.03121	1.93+00	372.6	4.62+04	367.9	9.09+04
650930	51450	3B	.02719	.02683	2.11+00	366.6	6.08+04	367.6	1.06+05
650930	53498	3B	.01362	.01399	1.99+00	350.8	4.71+04	341.6	1.00+05
650930	53754	3B	.03330	.02914	1.52+00	350.2	5.54+04	349.5	1.81+05
650930	58362	3B	.02654	.03284	2.12+00	362.1	5.54+04	344.8	8.91+04
650930	64506	3B	.03091	.03605	2.27+00	347.9	6.59+04	348.6	4.99+04
650930	65018	3B	.05406	.05586	1.70+00	352.1	8.17+04	348.3	7.43+04
650930	65786	3B	.02385	.02701	2.12+00	351.0	5.33+04	354.7	1.53+05
650930	80378	3B	.01780	.01787	2.70+00	341.9	2.51+04	338.8	7.74+04
650930	82938	3B	.01502	.01493	2.95+00	344.8	2.27+04	347.1	1.38+05
650930	83194	3B	.00969	.00984	3.62+00	341.8	2.77+04	342.2	1.33+05
650930	83706	3B	.01867	.01857	3.02+00	335.8	3.56+04	331.6	1.31+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
650930	63962	3B	.02022	.02078	2.72+00	329.1	2.59+04	323.7	1.06+05
650930	66010	3B	.02230	.02137	2.75+00	329.1	2.80+04	321.1	5.00+04
651001	10618	3B	.03266	.03241	3.97+00	318.5	2.11+04	320.6	8.69+04
651001	11898	3B	.04351	.04342	4.16+00	314.8	2.04+04	317.3	6.33+04
651001	22806	3B	.05161	.05178	4.54+00	317.9	1.75+04	320.6	7.24+04
651001	25722	3B	.05363	.05387	4.92+00	301.3	2.51+04	305.0	6.21+04
651001	25978	3B	.05006	.04991	5.09+00	300.5	2.54+04	300.8	7.61+04
651001	26234	3B	.06443	.06437	4.50+00	304.6	2.43+04	306.4	6.00+04
651001	28538	3B	.05321	.05315	4.50+00	316.3	2.02+04	311.9	5.43+04
651001	28794	3B	.05394	.05390	4.90+00	316.2	1.99+04	319.0	6.74+04
651001	29050	3B	.06232	.06223	4.80+00	319.2	1.81+04	320.7	4.60+04
651001	36218	3B	.03765	.03759	4.57+00	313.6	2.40+04	311.7	6.86+04
651001	36474	3B	.03513	.03525	5.74+00	304.6	2.67+04	308.6	4.82+04
651001	36730	3B	.03416	.03451	7.62+00	303.9	2.55+04	302.1	7.21+04
651001	36986	3B	.02699	.02696	5.12+00	297.8	2.33+04	304.0	6.41+04
651001	50042	3B	.06276	.06294	4.58+00	305.9	3.23+04	306.1	5.98+04
651001	50554	3B	.05358	.05284	4.47+00	305.2	3.03+04	303.1	9.63+04
651001	50810	3B	.05778	.05951	4.39+00	307.8	3.65+04	307.4	5.75+04
651001	51066	3B	.06124	.05976	4.73+00	302.6	2.95+04	303.9	9.12+04
651001	51323	3B	.04888	.04898	4.71+00	304.6	3.03+04	305.1	8.20+04
651001	52603	3B	.05726	.05693	4.46+00	304.1	2.79+04	302.9	7.51+04
651001	52849	3B	.05273	.05315	4.74+00	302.3	3.28+04	304.7	6.00+04
651001	53371	3B	.06322	.05919	4.68+00	299.6	3.73+04	302.5	1.26+05
651001	53827	3B	.03951	.03815	4.68+00	300.3	3.91+04	293.9	8.88+04
651001	65147	3B	.05394	.05207	5.06+00	292.0	3.10+04	288.9	7.61+04
651001	65403	3B	.04297	.04278	5.10+00	294.1	2.81+04	292.6	5.95+04
651003	7560	3A	.04934	.04986	6.38+00	349.0	7.79+04	354.4	3.17+05
651003	7816	3A	.03990	.03708	6.55+00	349.3	7.02+04	354.4	2.75+05
651003	8072	3A	.03796	.03542	6.71+00	349.6	6.37+04	354.2	2.49+05
651003	9352	3A	.04130	.04247	6.34+00	353.1	6.86+04	357.7	2.63+05
651003	9608	3A	.03578	.03513	6.42+00	353.7	7.47+04	361.3	2.51+05
651003	9864	3A	.04252	.04569	6.01+00	359.2	6.31+04	356.6	2.74+05
651003	10120	3A	.03900	.04035	6.30+00	343.5	7.11+04	351.8	2.78+05
651003	10888	3A	.04039	.04278	6.16+00	334.7	8.37+04	353.4	2.62+05
651003	11144	3A	.03897	.03677	5.47+00	337.8	8.37+04	350.1	2.17+05
651003	21128	3A	.05452	.05285	4.85+00	350.0	9.27+04	356.6	2.29+05
651003	21384	3A	.05208	.05128	4.58+00	351.2	8.03+04	355.3	2.30+05
651003	21640	3A	.05092	.04763	4.49+00	351.3	8.10+04	353.6	2.54+05
651003	21896	3A	.05105	.04971	5.06+00	352.5	7.63+04	356.7	2.32+05
651003	23432	3A	.04290	.04639	5.70+00	349.3	8.18+04	356.3	2.78+05
651003	23688	3A	.04311	.04224	6.04+00	353.8	7.94+04	354.0	2.71+05
651003	23944	3A	.04840	.04495	5.41+00	354.5	7.48+04	355.2	2.52+05
651003	34695	3A	.06084	.05926	4.36+00	351.9	8.33+04	361.2	3.10+05
651003	34951	3A	.04825	.05080	4.55+00	348.9	9.39+04	365.2	2.64+05
651003	36743	3A	.04098	.04006	4.38+00	355.2	7.90+04	366.2	3.64+05
651003	36990	3A	.03986	.03952	4.83+00	358.5	7.12+04	365.5	3.12+05
651003	37255	3A	.04301	.04268	4.43+00	355.9	7.36+04	363.3	2.93+05
651003	37511	3A	.03580	.03714	4.67+00	359.7	7.76+04	369.7	3.35+05
651003	37767	3A	.03933	.03926	4.66+00	359.1	6.78+04	366.4	2.01+05
651003	38023	3A	.03867	.03027	5.40+00	368.8	7.45+04	368.1	3.85+05
651003	38535	3A	.03430	.03446	5.84+00	372.5	8.19+04	376.9	3.02+05
651003	38791	3A	.02964	.03133	6.54+00	376.0	8.46+04	373.0	2.37+05
651003	39047	3A	.02924	.02945	6.73+00	386.0	1.02+05	380.1	3.28+05
651003	39303	3A	.03083	.03209	6.11+00	396.8	1.04+05	393.1	2.83+05
651003	47495	3A	.02615	.02726	5.19+00	369.8	8.11+04	378.4	3.22+05
651003	47751	3A	.03903	.03555	4.80+00	364.4	7.38+04	368.8	4.32+05
651003	48007	3A	.03451	.03487	4.96+00	361.0	8.64+04	375.1	3.64+05
651003	48263	3A	.03898	.04200	3.89+00	365.5	9.12+04	376.4	2.90+05
651003	48519	3A	.02446	.02346	6.28+00	369.3	9.86+04	378.3	2.61+05
651003	50311	3A	.04026	.03671	4.93+00	372.5	6.82+04	367.4	3.44+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651003	50567	3A	.03661	.03646	4.48+00	370.1	5.74+04	368.2	2.82+05
651003	51079	3A	.03487	.03647	5.19+00	366.1	7.08+04	369.3	2.45+05
651003	51335	3A	.04317	.03991	4.57+00	363.7	5.89+04	361.0	3.63+05
651003	51591	3A	.02790	.02744	5.49+00	367.4	7.25+04	367.4	2.12+05
651003	65927	3A	.04136	.03906	3.66+00	351.4	5.14+04	358.1	2.99+05
651003	66163	3A	.03922	.03875	3.26+00	357.4	7.30+04	361.8	2.66+05
651003	66439	3A	.03672	.03694	3.33+00	353.4	6.90+04	362.0	2.69+05
651003	66695	3A	.03906	.03788	3.59+00	359.1	6.32+04	361.0	2.88+05
651003	68487	3A	.03414	.03436	3.26+00	369.7	5.49+04	365.7	1.85+05
651003	82055	3A	.03264	.03147	3.36+00	379.9	5.06+04	373.0	2.81+05
651003	83847	3A	.03169	.03107	3.77+00	386.2	6.32+04	382.4	2.25+05
651003	84103	3A	.02887	.02799	3.75+00	384.9	5.15+04	382.4	3.97+05
651004	13831	3A	.04123	.03936	3.65+00	363.6	7.36+04	377.4	3.17+05
651004	14087	3A	.03372	.03493	4.16+00	380.4	6.78+04	379.7	2.96+05
651004	14343	3A	.03916	.03668	3.76+00	378.6	6.40+04	376.5	3.87+05
651004	15879	3A	.01938	.01897	3.51+00	359.9	5.18+04	362.7	2.99+05
651004	16135	3A	.04039	.04316	3.16+00	350.4	5.47+04	357.1	2.52+05
651004	16391	3A	.04487	.04570	3.67+00	360.5	4.67+04	365.3	1.75+05
651004	16903	3A	.03324	.03351	3.66+00	358.8	5.00+04	370.8	1.82+05
651004	17159	3A	.04490	.04535	3.24+00	360.3	4.61+04	367.7	2.58+05
651004	25095	3A	.03062	.03224	2.95+00	340.5	6.08+04	347.6	2.68+05
651004	62490	3B	.03663	.03741	2.94+00	300.3	3.64+04	299.6	8.45+04
651004	82940	3B	.03672	.03729	3.09+00	298.0	4.49+04	300.9	1.25+05
651004	83708	3B	.04181	.04099	2.92+00	296.4	3.82+04	296.3	1.15+05
651005	9340	3B	.04932	.05057	7.02+00	344.8	5.13+04	344.3	2.45+05
651005	9598	3B	.04956	.05155	1.02+01	375.2	1.04+05	383.9	2.91+05
651005	9852	3B	.05077	.04368	1.32+01	362.0	9.32+04	377.6	4.04+05
651005	10108	3B	.03958	.03915	1.30+01	380.5	8.53+04	382.9	2.54+05
651005	10620	3B	.03923	.04043	1.27+01	371.2	1.05+05	382.5	3.49+05
651005	10876	3B	.05186	.03227	1.19+01	367.5	9.87+04	372.5	3.55+05
651005	13702	3A	.04373	.03916	1.29+01	358.1	8.25+04	358.7	2.93+05
651005	24444	3B	.03623	.03567	1.10+01	357.3	4.74+04	357.0	1.57+05
651005	24700	3B	.03043	.02850	1.20+01	352.1	4.90+04	349.1	1.78+05
651005	26748	3B	.02280	.02223	2.10+01	358.0	6.23+04	358.5	1.85+05
651005	27516	3B	.01764	.01736	1.40+01	358.4	6.43+04	359.6	2.04+05
651005	27516	3B	.03667	.03601	6.71+00	358.6	6.42+04	359.6	2.04+05
651005	27772	3B	.01903	.01797	1.33+01	359.0	5.48+04	357.3	2.20+05
651005	43388	3B	.06028	.05478	1.02+01	343.2	6.01+04	339.1	2.74+05
651005	43644	3B	.05625	.05633	1.12+01	343.1	6.33+04	344.3	1.98+05
651005	45692	3B	.07300	.06750	1.20+01	358.8	6.83+04	355.8	2.87+05
651005	45948	3B	.06601	.06578	1.28+01	359.3	8.05+04	361.3	2.64+05
651005	46204	3B	.05136	.04858	1.04+01	361.1	1.04+05	363.5	3.62+05
651005	46972	3B	.05464	.05748	9.73+00	357.4	1.01+05	359.8	3.28+05
651005	47228	3B	.03157	.07759	7.74+00	365.4	1.72+05	384.5	3.90+05
651005	61052	3B	.04683	.04625	6.88+00	397.6	9.77+04	395.2	4.28+05
651005	61820	3B	.04329	.04473	7.07+00	389.7	1.03+05	393.8	3.58+05
651005	77948	3B	.04016	.03632	2.38+00	441.5	1.14+05	453.3	6.07+05
651005	78972	3B	.03438	.03501	2.22+00	435.2	1.07+05	453.5	7.15+05
651005	79228	3B	.04198	.04415	2.44+00	416.8	1.96+05	450.5	5.79+05
651005	79484	3B	.03168	.03403	2.44+00	444.4	1.55+05	466.6	5.25+05
651005	79740	3B	.04158	.04258	2.35+00	430.2	1.10+05	452.3	3.99+05
651005	79998	3B	.03795	.03708	2.85+00	429.3	1.21+05	442.2	4.37+05
651005	80252	3B	.03760	.03862	2.31+00	440.0	1.14+05	452.4	3.85+05
651005	81020	3B	.03068	.03098	3.54+00	454.1	1.19+05	451.4	4.91+05
651005	81276	3B	.04295	.03979	2.44+00	434.1	1.04+05	437.3	5.51+05
651007	467	3B	.04995	.04876	9.89+00	435.7	1.44+05	438.5	3.85+05
651007	979	3B	.04646	.04898	1.01+01	446.9	1.67+05	437.7	3.77+05
651007	1235	3H	.05118	.05290	6.81+00	441.6	1.29+05	440.4	3.88+05
651007	1491	3B	.04522	.04389	9.10+00	439.2	1.33+05	443.1	3.83+05
651007	2771	3B	.05094	.05021	9.49+00	439.7	1.41+05	444.6	3.73+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VOL	P TEMP	A VOL	A TEMP
651007	3795	3B	.05035	.05066	7.29+00	432.0	1.19+05	437.2	3.60+05
651007	4051	3B	.04441	.04223	7.18+00	446.1	1.26+05	433.6	2.12+05
651007	48772	3A	.00929	.00971	9.51+00	468.6	3.14+05	532.4	5.65+05
651007	49540	3A	.00429	.04473	9.56+00	417.1	2.08+05	481.3	6.71+05
651007	66436	3A	.04011	.03846	7.57+00	430.7	1.14+05	425.1	4.91+05
651007	66692	3A	.03355	.03311	8.76+00	421.4	1.11+05	426.1	4.61+05
651007	67460	3A	.03712	.03640	7.98+00	425.6	1.07+05	428.2	4.98+05
651007	67972	3A	.02560	.02471	8.64+00	424.3	8.83+04	424.2	4.29+05
651008	1540	3A	.03433	.03429	4.76+00	414.3	3.51+04	416.7	9.09+04
651008	1796	3A	.01840	.01953	5.75+00	421.9	7.43+04	430.1	2.98+05
651008	2052	3A	.01541	.01235	3.68+00	427.2	1.14+05	436.8	4.67+05
651008	2308	3A	.02973	.03114	3.66+00	418.0	1.32+05	430.2	3.73+05
651008	4612	3A	.02089	.02180	4.75+00	426.6	1.07+05	435.0	3.09+05
651008	4868	3A	.01431	.01575	5.32+00	423.7	1.15+05	431.1	2.71+05
651008	5124	3A	.02099	.02104	6.27+00	439.7	1.10+05	436.8	3.79+05
651008	29188	3A	.12305	.12301	9.15+00	382.8	4.88+04	389.2	2.00+05
651008	31492	3A	.14875	.14876	2.25+00	388.4	3.68+04	386.1	4.40+05
651008	31748	3A	.08709	.07626	2.51+00	414.4	6.35+04	405.4	5.55+05
651008	32516	3A	.07980	.07942	2.26+00	408.6	8.39+04	413.0	3.98+05
651008	41732	3A	.00680	.00677	2.81+00	353.0	2.71+04	363.4	1.88+05
651008	43780	3A	.00377	.00401	3.43+00	348.5	2.75+04	360.3	2.70+05
651008	44548	3A	.00617	.00614	3.13+00	357.2	2.38+04	376.0	3.01+05
651008	46596	3A	.00355	.00308	3.87+00	380.2	4.00+04	386.1	4.70+05
651008	46852	3A	.00256	.00251	3.22+00	379.3	3.51+04	396.3	3.53+05
651008	47108	3A	.00408	.00378	3.48+00	386.2	4.21+04	388.3	1.10+05
651008	47588	3A	.00356	.00422	2.47+00	381.1	3.67+04	386.3	9.34+04
651008	48132	3A	.00449	.00464	4.56+00	381.1	6.24+04	383.2	1.71+05
651008	57860	3A	.00595	.00607	6.87+00	383.3	5.25+04	392.1	2.01+05
651008	58628	3A	.01266	.01067	7.24+00	379.5	5.81+04	385.1	2.95+05
651008	58884	3A	.00873	.00891	7.23+00	383.7	6.65+04	393.3	1.92+05
651008	60184	3A	.01535	.01577	6.85+00	386.1	7.19+04	387.6	2.69+05
651008	60420	3A	.01806	.01813	6.38+00	389.6	5.95+04	387.6	2.25+05
651008	62564	3A	.01714	.01746	7.28+00	402.0	7.30+04	405.2	2.45+05
651008	62724	3A	.02109	.02225	5.63+00	411.6	9.66+04	408.5	2.76+05
651008	63236	3A	.02188	.01833	7.13+00	416.9	8.58+04	408.9	3.30+05
651008	63748	3A	.03266	.03255	7.47+00	411.4	9.20+04	412.9	2.66+05
651008	64004	3A	.02664	.02395	6.78+00	415.7	7.39+04	410.8	2.59+05
651009	2179	3A	.09245	.09294	3.10+00	434.7	6.14+04	438.7	2.57+05
651009	3203	3A	.07746	.07697	2.98+00	421.2	7.30+04	429.5	2.10+05
651009	3971	3A	.07980	.07914	2.76+00	423.4	7.59+04	428.6	2.19+05
651009	5507	3A	.05748	.06608	3.18+00	429.6	1.49+05	440.4	1.96+05
651009	5763	3A	.06708	.06944	3.24+00	434.3	1.38+05	438.7	2.61+05
651009	14723	3A	.05376	.05078	2.88+00	449.5	1.01+05	454.0	5.48+05
651009	14979	3A	.05725	.05695	2.84+00	444.4	1.00+05	455.4	4.02+05
651009	15491	3A	.06637	.06652	2.78+00	451.0	9.11+04	458.4	4.06+05
651009	15747	3A	.06467	.06481	2.87+00	446.5	1.04+05	455.1	4.27+05
651009	17283	3A	.06789	.06669	2.58+00	454.9	7.87+04	457.0	3.71+05
651009	18307	3A	.06671	.06625	2.74+00	448.4	1.05+05	452.2	3.67+05
651009	18563	3A	.06500	.06494	2.87+00	449.6	1.01+05	451.6	3.88+05
651009	30083	3A	.05592	.05372	2.28+00	437.4	6.68+04	438.7	2.80+05
651009	41347	3A	.04733	.04616	2.95+00	433.5	7.35+04	444.3	2.84+05
651009	43139	3A	.06678	.06256	2.41+00	450.2	4.84+04	438.2	4.70+05
651009	43395	3A	.03998	.04007	3.56+00	461.4	8.03+04	453.3	3.18+05
651009	43907	3A	.04478	.04464	3.23+00	463.4	9.37+04	456.6	3.24+05
651009	44163	3A	.03849	.03871	3.89+00	460.4	8.71+04	448.0	3.58+05
651009	44931	3A	.04157	.04198	3.13+00	450.6	8.11+04	447.5	2.71+05
651009	45187	3A	.03789	.03821	3.69+00	453.6	8.84+04	440.9	2.51+05
651009	48349	3B	.04519	.04455	4.94+00	411.6	1.20+05	420.6	5.72+05
651009	51933	3B	.04735	.04267	3.19+00	422.5	6.80+04	428.0	5.36+05
651009	52189	3B	.05457	.05391	2.74+00	429.2	6.22+04	432.6	2.67+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651009	65757	3B	.05354	.049J2	2.54+00	413.6	6.55+04	420.0	4.11+05
651009	66013	3B	.06461	.06174	2.43+00	416.8	6.66+04	424.7	3.68+05
651009	66525	3B	.05105	.05216	2.77+00	427.7	5.99+04	434.4	2.52+05
651009	66781	3B	.04689	.04740	2.80+00	417.5	7.26+04	426.1	3.04+05
651009	67037	3B	.05252	.05437	2.79+00	421.2	7.42+04	429.9	2.70+05
651009	69341	3B	.03633	.03992	3.97+00	406.0	8.34+04	412.8	2.03+05
651009	79837	3B	.05568	.05300	3.24+00	396.4	8.40+04	404.8	3.40+05
651009	80093	3B	.05043	.04565	3.38+00	405.3	7.19+04	406.2	4.62+05
651009	80349	3B	.04745	.04468	4.18+00	401.1	8.07+04	407.5	3.95+05
651009	80605	3B	.05152	.04945	3.26+00	402.3	7.87+04	410.1	4.17+05
651009	82909	3B	.07130	.07049	2.20+00	412.0	6.20+04	412.0	4.10+05
651009	83165	3B	.05469	.05519	2.83+00	414.2	6.06+04	421.1	2.66+05
651009	83421	3B	.05720	.05464	2.86+00	413.2	5.97+04	412.9	3.61+05
651010	7678	3B	.04766	.04714	3.67+00	426.1	4.82+04	422.0	2.90+05
651010	7934	3B	.04569	.04526	3.90+00	432.1	5.17+04	423.8	2.91+05
651010	8190	3B	.04312	.04303	3.65+00	428.0	5.15+04	425.3	2.30+05
651010	9726	3B	.05135	.05075	3.68+00	414.5	5.23+04	413.0	3.02+05
651010	9982	3B	.05207	.04866	3.69+00	404.9	6.05+04	409.3	4.17+05
651010	10750	3B	.03108	.03079	4.52+00	429.6	6.12+04	424.8	2.90+05
651010	11006	3B	.04675	.04494	3.98+00	424.0	5.60+04	418.9	3.27+05
651010	22014	3B	.05458	.05522	4.90+00	385.3	8.34+04	401.0	2.85+05
651010	22270	3B	.06999	.07351	4.12+00	389.8	7.66+04	389.4	3.14+05
651010	22526	3B	.04586	.04509	4.91+00	406.0	7.50+04	409.2	3.14+05
651010	23038	3B	.04186	.04206	4.63+00	394.0	6.98+04	399.6	3.28+05
651010	25086	3B	.04731	.04870	3.76+00	396.3	6.24+04	401.4	3.14+05
651010	36350	3B	.03655	.03662	3.68+00	426.5	8.03+04	438.9	3.47+05
651010	36606	3B	.03854	.03834	3.64+00	437.0	7.62+04	437.5	4.69+05
651010	36862	3B	.04265	.04236	3.03+00	419.5	7.93+04	434.6	4.08+05
651010	37118	3B	.03086	.03083	3.08+00	419.6	7.93+04	437.3	2.82+05
651010	37374	3B	.04202	.04218	2.96+00	415.7	8.14+04	437.6	4.14+05
651010	38910	3B	.03600	.03553	2.79+00	406.1	8.13+04	407.7	3.88+05
651010	39678	3B	.03241	.03668	1.92+00	420.6	8.83+04	434.0	5.18+05
651010	52990	3B	.02405	.02555	2.21+00	407.1	1.09+05	420.4	2.88+05
651010	54014	3B	.02910	.06690	1.92+00	398.1	1.22+05	409.5	6.44+05
651011	6318	3B	.00883	.00991	4.54+00	342.8	8.93+04	363.0	2.45+05
651011	9854	3B	.00972	.01000	3.68+00	362.4	9.30+04	381.1	3.27+05
651012	40961	3A	.06024	.06206	2.97+00	404.2	7.47+04	408.4	2.88+05
651012	41217	3A	.05751	.05565	2.85+00	410.3	6.38+04	415.5	3.25+05
651012	41473	3A	.05500	.05194	3.04+00	407.6	6.44+04	407.2	3.61+05
651012	42241	3A	.05139	.05151	3.23+00	413.1	6.92+04	415.7	2.38+05
651012	42497	3A	.04485	.04426	3.48+00	405.8	7.79+04	410.5	2.32+05
651012	53505	3A	.04574	.04690	2.74+00	388.8	6.72+04	395.6	2.02+05
651012	54017	3A	.04182	.04232	2.75+00	386.8	6.73+04	389.6	2.53+05
651012	72193	3A	.04255	.03942	3.04+00	379.5	6.22+04	376.4	2.28+05
651012	73729	3A	.03835	.03819	3.91+00	382.4	6.13+04	388.2	2.41+05
651012	73985	3A	.03977	.03766	3.26+00	376.8	5.95+04	377.9	2.39+05
651012	74241	3A	.03610	.03655	3.10+00	375.6	6.49+04	379.4	1.66+05
651012	74497	3A	.03333	.03478	3.23+00	378.4	5.51+04	379.8	2.06+05
651012	74753	3A	.02336	.02382	3.61+00	382.9	5.34+04	386.1	2.02+05
651012	75265	3A	.03821	.03817	3.32+00	377.5	6.83+04	376.5	1.54+05
651012	75521	3A	.03887	.03657	3.46+00	377.8	6.47+04	379.8	2.47+05
651013	12161	3A	.04352	.04445	4.27+00	373.6	6.26+04	377.4	2.83+05
651013	12417	3A	.03453	.03529	4.89+00	387.4	5.09+04	385.3	2.74+05
651013	12673	3A	.03562	.03243	4.68+00	378.7	7.75+04	379.6	3.59+05
651013	12929	3A	.02864	.02889	4.45+00	375.0	6.01+04	379.9	2.75+05
651013	13185	3A	.03938	.03988	4.88+00	379.1	6.33+04	384.7	2.86+05
651013	14465	3A	.03627	.03256	4.50+00	382.8	5.18+04	379.4	3.15+05
651013	14721	3A	.03096	.03415	4.96+00	383.0	4.96+04	383.2	3.31+05
651013	14977	3A	.02882	.02888	5.16+00	385.3	5.02+04	384.8	2.73+05
651013	24193	3A	.03266	.03267	5.52+00	392.6	6.92+04	391.0	2.36+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
651013	24448	3A	.03551	.03655	5.41+00	390.5	5.73+04	388.0	2.05+05
651013	24705	3A	.03428	.03530	5.28+00	388.7	5.71+04	386.3	2.31+05
651013	27008	3A	.02556	.02549	5.71+00	390.6	4.59+04	390.5	1.53+05
651013	27264	3A	.03864	.03956	5.06+00	377.1	5.56+04	378.6	2.65+05
651013	36480	3A	.04160	.04258	6.32+00	378.0	6.84+04	383.8	2.75+05
651013	36736	3A	.04205	.04204	5.96+00	380.1	5.87+04	382.6	3.19+05
651013	36992	3A	.04312	.04235	5.99+00	389.9	6.17+04	390.9	2.66+05
651013	37248	3A	.04463	.04487	6.14+00	386.8	6.04+04	386.9	2.99+05
651013	39552	3A	.04632	.04589	5.67+00	398.4	6.83+04	394.2	2.69+05
651013	39808	3A	.04156	.04208	5.93+00	396.8	6.01+04	401.3	2.25+05
651013	40064	3A	.04777	.04670	6.46+00	393.6	7.69+04	392.5	2.75+05
651013	64896	3A	.05102	.04960	6.39+00	406.1	9.14+04	410.2	3.10+05
651013	65152	3A	.05800	.05684	6.52+00	405.6	1.01+05	411.4	3.92+05
651013	65408	3A	.05823	.05724	6.64+00	406.0	9.02+04	408.7	2.91+05
651013	65664	3A	.05283	.05209	6.73+00	405.5	9.12+04	412.3	3.37+05
651013	65920	3A	.05834	.05689	6.34+00	402.9	9.24+04	408.6	3.27+05
651013	64352	3A	.03330	.03405	4.38+00	443.7	1.47+05	453.2	5.31+05
651013	84608	3A	.03544	.03535	4.19+00	441.5	1.64+05	459.2	4.37+05
651013	84864	3A	.03505	.03750	4.24+00	443.7	1.47+05	454.8	5.60+05
651013	85376	3A	.03454	.03252	4.42+00	450.6	1.54+05	456.9	4.94+05
651014	8960	3A	.02696	.02451	3.32+00	436.4	1.13+05	450.0	4.72+05
651014	9216	3A	.02573	.02609	3.61+00	440.7	1.29+05	461.4	4.52+05
651014	9472	3A	.02615	.02802	3.21+00	436.4	1.16+05	450.2	4.50+05
651014	9728	3A	.02866	.02886	3.56+00	438.1	1.52+05	461.6	5.23+05
651014	30464	3B	.03114	.02989	3.95+00	440.9	8.40+04	449.3	6.35+05
651014	30720	3B	.03755	.03583	3.89+00	445.6	1.02+05	446.0	5.06+05
651014	30976	3B	.03227	.02987	4.08+00	441.5	1.05+05	440.6	5.19+05
651014	31232	3B	.02896	.02898	4.35+00	444.3	1.04+05	449.3	4.11+05
651014	31488	3B	.02890	.02956	4.33+00	441.4	1.21+05	450.5	3.91+05
651014	40448	3B	.01704	.01983	3.54+00	403.2	1.49+05	416.4	3.05+05
651014	40960	3B	.02919	.07228	1.89+00	410.5	1.18+05	416.4	5.08+05
651014	56064	3B	.03227	.03300	2.76+00	425.0	2.34+05	456.9	5.29+05
651014	56320	3B	.05094	.04775	3.87+00	441.1	1.30+05	442.0	6.28+05
651014	56632	3B	.03917	.04232	3.81+00	444.0	1.68+05	449.9	4.29+05
651014	66832	3B	.03618	.03314	2.61+00	414.2	1.00+05	418.9	4.62+05
651014	68608	3B	.02937	.02774	2.89+00	413.0	1.02+05	421.7	4.58+05
651014	68864	3B	.03261	.03276	3.05+00	412.7	9.50+04	423.1	3.41+05
651014	69120	3B	.03530	.03582	3.81+00	410.6	9.46+04	426.3	3.85+05
651014	69376	3B	.02767	.02857	2.85+00	416.8	9.76+04	428.3	3.44+05
651015	31647	3B	.01685	.01761	2.80+00	384.6	7.52+04	379.6	3.11+05
651015	32415	3B	.04513	.04477	1.51+00	389.2	6.87+04	391.9	4.36+05
651015	32671	3B	.02833	.02779	2.24+00	388.7	7.62+04	400.0	3.45+05
651017	32638	3A	.00334	.00382	3.98+00	284.5	4.58+04	310.9	2.24+03
651017	33662	3A	.00345	.00339	3.64+00	280.2	4.38+04	290.2	1.50+05
651017	42110	3A	.00343	.00345	5.68+00	301.6	3.53+04	305.9	2.91+05
651017	42366	3A	.00352	.00350	5.67+00	300.4	3.53+04	299.6	9.54+04
651017	42622	3A	.00528	.00535	5.74+00	301.4	3.59+04	305.5	2.36+05
651017	42878	3A	.00508	.00507	5.84+00	298.7	3.30+04	310.4	2.00+05
651017	43646	3A	.00381	.00358	5.86+00	302.3	2.57+04	294.5	1.16+05
651017	69501	3A	.00141	.00134	6.46+00	274.6	1.79+04	279.6	1.94+05
651017	79229	3A	.00530	.00518	3.95+00	286.8	4.13+04	295.4	1.42+05
651017	79485	3A	.00240	.00235	6.62+00	285.7	2.46+04	283.1	1.21+05
651017	79741	3A	.00136	.00136	9.13+00	283.3	2.64+04	279.0	9.16+04
651017	80253	3A	.00275	.00272	8.65+00	286.1	2.39+04	295.3	2.04+05
651018	12541	3A	.00286	.00288	9.36+00	295.8	2.81+04	296.4	8.83+04
651018	12797	3A	.00395	.00406	9.53+00	295.6	2.81+04	298.8	9.99+04
651018	13053	3A	.00381	.00393	9.78+00	296.5	2.90+04	296.3	8.05+04
651018	13309	3A	.00298	.00305	9.27+00	295.7	2.79+04	296.4	4.28+04
651018	13565	3A	.00367	.00365	9.41+00	292.6	2.67+04	291.0	3.06+04
651018	14549	3A	.01172	.01186	4.28+00	294.0	5.14+04	291.7	7.84+04

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
651018	14845	3A	.00998	.00989	4.35+00	295.5	5.19+04	295.9	8.69+04
651018	23549	3A	.02149	.02396	1.22+01	341.2	8.84+04	343.6	2.09+05
651018	23805	3A	.03298	.03470	1.13+01	342.7	7.95+04	350.3	2.84+05
651018	24061	3A	.03593	.03727	1.14+01	346.6	7.94+04	351.1	2.70+05
651018	24317	3A	.03262	.03363	1.23+01	344.9	7.74+04	348.4	2.37+05
651018	24573	3A	.03954	.04036	1.13+01	344.0	7.54+04	348.3	2.69+05
651018	24829	3A	.03388	.03535	1.13+01	344.9	7.36+04	351.1	2.26+05
651018	25085	3A	.03221	.03477	1.11+01	343.0	7.66+04	350.8	2.19+05
651018	25341	3A	.03245	.03581	1.09+01	345.3	8.09+04	351.0	2.21+05
651018	32509	3A	.02358	.02369	6.35+00	340.6	6.36+04	343.3	2.25+05
651018	32765	3A	.02033	.02030	6.75+00	330.9	6.93+04	340.8	2.34+05
651018	33021	3A	.01850	.01973	9.06+00	335.3	7.01+04	343.4	1.84+05
651018	33533	3A	.02772	.03081	8.17+00	337.5	5.76+04	333.3	2.83+05
651018	33789	3A	.01657	.01674	8.15+00	341.1	5.98+04	341.9	2.04+05
651018	34045	3A	.01862	.01990	8.75+00	339.0	6.85+04	344.8	2.12+05
651018	40957	3A	.01578	.01652	8.64+00	349.3	6.39+04	345.1	1.84+05
651018	41213	3A	.01725	.01720	8.24+00	350.1	5.74+04	347.5	1.61+05
651018	41469	3A	.01773	.01777	8.20+00	348.2	5.68+04	347.3	2.24+05
651018	43773	3A	.01784	.01728	7.89+00	347.3	5.37+04	353.2	1.76+05
651018	44029	3A	.01999	.02018	8.03+00	333.5	7.97+04	342.4	2.43+05
651018	44285	3A	.02096	.02244	7.20+00	340.8	7.13+04	346.0	2.09+05
651018	44541	3A	.02657	.02554	7.46+00	333.5	7.63+04	340.4	2.56+05
651018	58877	3A	.02343	.02394	6.56+00	338.3	6.59+04	333.2	1.62+05
651018	59133	3A	.03072	.02797	6.33+00	336.3	5.65+04	330.1	1.81+05
651018	59389	3A	.02628	.02649	6.46+00	337.0	5.77+04	335.7	1.50+05
651018	59901	3A	.02522	.02765	7.15+00	338.7	8.18+04	340.6	1.51+05
651018	60157	3A	.02464	.02692	7.30+00	339.3	7.35+04	338.3	1.84+05
651018	60413	3A	.02342	.02570	7.22+00	338.4	8.26+04	336.0	1.93+05
651018	60669	3A	.02077	.02386	7.48+00	339.8	8.30+04	334.5	1.73+05
651018	60925	3A	.02543	.02887	7.72+00	337.5	8.16+04	336.5	1.82+05
651018	61181	3A	.01972	.02450	7.78+00	337.9	8.54+04	337.8	1.18+05
651018	63229	3A	.02050	.02078	7.41+00	338.0	9.62+04	348.1	2.56+05
651018	63265	3B	.05796	.05897	5.09+00	326.3	8.43+04	318.7	2.86+05
651018	75773	3A	.03094	.03006	4.89+00	338.6	3.01+04	337.6	1.26+05
651018	76029	3A	.02923	.02986	5.10+00	336.6	3.37+04	338.6	9.48+04
651018	80161	3B	.01235	.01216	9.79+00	325.0	5.11+04	330.1	1.05+05
651018	80417	3B	.02108	.02112	5.46+00	347.9	6.14+04	352.6	1.04+05
651018	80673	3B	.02451	.02615	6.46+00	350.7	5.80+04	340.1	1.73+05
651019	12961	3B	.03285	.03292	6.59+00	353.8	3.94+04	349.2	2.61+05
651019	13217	3B	.05482	.05415	4.45+00	346.3	3.56+04	338.7	2.00+05
651019	16033	3B	.01663	.02075	5.02+00	329.6	8.15+04	336.1	1.73+05
651019	16289	3B	.02907	.02849	5.53+00	333.5	6.77+04	331.3	2.28+05
651019	34465	3B	.02751	.02648	8.58+00	335.9	4.71+04	336.1	1.62+05
651019	34721	3B	.02647	.02760	6.56+00	334.6	4.68+04	333.0	1.62+05
651019	34977	3B	.02258	.02196	9.44+00	337.4	4.30+04	334.2	1.22+05
651019	35469	3B	.02467	.02814	9.13+00	328.4	8.85+04	325.8	1.36+05
651019	35745	3B	.02256	.02487	9.04+00	328.5	6.08+04	323.7	1.54+05
651019	36001	3B	.02178	.02444	9.17+00	326.1	6.91+04	327.1	1.45+05
651019	36513	3B	.02811	.02986	9.35+00	327.1	5.94+04	325.1	1.50+05
651019	55969	3B	.02620	.02649	9.59+00	306.4	4.66+04	305.2	1.50+05
651019	56225	3B	.04868	.04864	4.27+00	302.2	3.19+04	300.2	1.12+05
651019	80801	3B	.01655	.01619	9.56+00	292.6	2.83+04	289.8	7.88+04
651019	81057	3B	.01947	.01929	5.97+00	290.0	2.36+04	291.1	9.86+04
651019	81313	3B	.02152	.02149	7.59+00	291.1	3.07+04	288.6	7.02+04
651019	82081	3B	.02109	.02015	8.22+00	295.7	3.04+04	294.1	1.06+05
651019	82337	3B	.02438	.02412	7.48+00	300.6	2.81+04	294.5	7.47+04
651019	84129	3B	.02243	.02232	6.94+00	290.3	2.20+04	291.5	5.98+04
651020	3617	3B	.02695	.02662	8.04+00	298.2	2.75+04	295.9	5.39+04
651020	3873	3B	.02012	.02024	8.51+00	300.3	2.67+04	302.2	7.35+04
651020	4641	3B	.02257	.02212	7.56+00	295.7	3.01+04	295.0	8.53+04

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651020	4897	3B	.02409	.02381	8.09+00	298.6	2.84+04	296.6	8.18+04
651020	24865	3B	.02362	.02360	9.71+00	299.4	2.10+04	306.3	5.67+04
651020	43809	3B	.01771	.01767	7.86+00	296.6	2.03+04	300.7	8.47+04
651020	44065	3B	.01726	.01722	8.23+00	296.5	2.12+04	296.7	6.75+04
651020	45089	3B	.02018	.02007	8.24+00	297.0	2.21+04	296.5	7.90+04
651020	45345	3B	.02207	.02202	8.32+00	296.7	2.18+04	295.7	4.91+04
651020	47649	3B	.00989	.00986	8.21+00	294.4	2.36+04	296.3	7.92+04
651020	47905	3B	.01138	.01136	8.08+00	295.1	2.32+04	296.5	7.94+04
651020	49441	3B	.01280	.01271	7.26+00	292.6	2.38+04	293.4	4.08+04
651020	49697	3B	.01098	.01104	7.03+00	293.2	2.39+04	293.9	3.58+04
651020	49953	3B	.01217	.01181	7.61+00	296.0	2.43+04	293.6	7.01+04
651020	50209	3B	.01065	.01060	8.47+00	297.6	2.61+04	294.2	4.77+04
651020	51745	3B	.02013	.02014	9.09+00	291.3	2.85+04	291.7	1.13+05
651020	52257	3B	.01384	.01383	8.45+00	298.3	2.66+04	297.9	8.73+04
651020	54561	3B	.01602	.01797	8.88+00	293.3	1.80+04	293.9	5.17+04
651020	58913	3B	.02551	.02528	5.83+00	287.0	1.73+04	291.4	5.56+04
651022	7418	3A	.00386	.00947	8.90+00	340.1	7.06+04	347.2	1.86+05
651022	7674	3A	.00766	.01553	8.47+00	341.0	7.63+04	348.5	3.34+05
651022	7930	3A	.00525	.00758	8.88+00	341.5	8.66+04	357.1	2.21+05
651022	8638	3A	.00447	.00540	1.05+01	339.1	9.52+04	351.8	3.39+05
651022	8954	3A	.00603	.01215	1.08+01	337.7	1.02+05	343.8	2.30+05
651022	10490	3A	.00322	.00878	1.19+01	343.6	9.18+04	367.3	5.54+05
651022	10746	3A	.00370	.01125	1.06+01	345.5	9.10+04	365.1	3.08+05
651022	11002	3A	.00313	.00333	1.19+01	343.0	8.92+04	358.8	1.92+05
651022	20218	3A	.00682	.00711	1.39+01	336.4	5.24+04	336.4	1.34+05
651022	21498	3A	.00688	.00868	1.24+01	332.3	6.40+04	329.3	1.22+05
651022	23546	3A	.00804	.00789	1.50+01	334.7	5.67+04	332.2	1.73+05
651022	37114	3A	.02680	.02628	1.37+01	330.0	1.73+04	325.3	8.82+04
651022	37626	3A	.01340	.01414	6.70+00	334.6	4.43+04	340.3	1.27+05
651022	37882	3A	.01977	.02005	6.76+00	332.1	4.53+04	336.7	1.65+05
651022	39418	3A	.01629	.01610	6.93+00	331.9	3.77+04	334.5	1.24+05
651022	39674	3A	.02286	.02461	6.61+00	326.6	3.96+04	335.4	2.18+05
651022	39930	3A	.01696	.01785	6.69+00	322.3	3.55+04	321.2	2.29+05
651022	40188	3A	.02045	.01732	6.94+00	326.8	3.73+04	320.6	1.69+05
651022	50682	3A	.01508	.01518	1.35+01	341.7	4.00+04	345.1	1.02+05
651022	50938	3A	.01809	.01796	1.30+01	342.5	3.97+04	346.5	4.81+04
651022	65786	3A	.05038	.05236	1.02+01	375.7	1.09+05	384.5	2.92+05
651022	66298	3A	.05434	.07105	1.81+01	380.2	1.78+05	393.3	4.09+05
651022	67068	3A	.08809	.08636	1.33+01	367.5	9.15+04	379.2	3.32+05
651022	67322	3A	.05978	.05117	1.55+01	373.8	1.04+05	372.7	3.51+05
651022	68858	3A	.06069	.06188	1.75+01	378.5	1.25+05	365.8	3.24+05
651022	69114	3A	.05510	.05704	1.78+01	377.4	1.22+05	384.1	2.93+05
651022	69370	3A	.05787	.06225	1.67+01	379.3	1.19+05	387.0	3.05+05
651022	71162	3A	.07055	.06794	1.45+01	364.9	1.04+05	366.1	3.66+05
651022	71418	3A	.06367	.06283	1.53+01	370.1	9.46+04	371.8	3.58+05
651023	6362	3A	.03036	.08628	1.05+01	372.5	1.82+05	394.1	4.95+05
651023	6618	3A	.03087	.08905	1.09+01	369.7	1.79+05	401.7	6.06+05
651023	6874	3A	.02487	.08715	1.11+01	376.2	1.76+05	405.9	5.06+05
651023	7386	3A	.03271	.09219	1.04+01	375.6	1.80+05	389.1	5.33+05
651023	7898	3A	.02245	.05209	1.12+01	392.5	1.98+05	417.6	3.94+05
651023	23290	3A	.02851	.02840	5.62+00	439.5	9.50+04	429.6	3.22+05
651023	23514	3A	.02039	.01867	8.81+00	439.3	9.39+04	433.3	3.69+05
651023	23770	3A	.02804	.02920	5.43+00	440.9	9.94+04	435.6	3.17+05
651023	24026	3A	.02189	.01632	1.61+01	403.7	1.17+05	408.5	4.20+05
651023	24314	3A	.02437	.02689	1.10+01	403.1	1.17+05	414.5	2.94+05
651023	49411	3B	.02181	.02356	4.51+00	471.4	1.67+05	496.8	5.89+05
651023	49667	3B	.01777	.01919	4.67+00	457.3	1.98+05	499.1	5.42+05
651023	50650	3A	.02455	.02640	3.89+00	464.9	1.79+05	479.8	5.73+05
651023	51162	3A	.00819	.00926	7.54+00	458.2	1.44+05	471.1	3.85+05
651023	51450	3A	.00799	.00819	7.47+00	462.4	1.73+05	475.8	4.38+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
651023	51674	3A	.00899	.00925	7.72+00	450.7	1.34+05	450.2	3.45+05
651023	51962	3A	.00910	.00930	8.33+00	456.4	1.39+05	458.6	4.09+05
651023	52186	3A	.01024	.01008	8.23+00	457.8	1.25+05	458.2	4.76+05
651023	52723	3B	.03294	.03340	3.66+00	496.6	1.28+05	495.4	5.97+05
651023	77059	3B	.04608	.04503	3.63+00	488.2	1.27+05	511.4	5.49+05
651023	77315	3B	.04102	.03823	3.86+00	486.0	1.26+05	503.8	5.64+05
651023	77827	3B	.04425	.04456	4.03+00	485.2	1.15+05	499.4	5.61+05
651023	78083	3B	.03551	.03474	3.65+00	484.3	9.40+04	497.5	5.71+05
651023	78339	3B	.03686	.03401	4.43+00	482.0	7.61+04	490.1	6.99+05
651024	7299	3B	.02338	.02375	4.66+00	463.1	1.19+05	484.7	4.17+05
651024	7555	3B	.02350	.02269	4.36+00	461.2	1.09+05	481.1	4.64+05
651024	7811	3B	.02283	.02302	4.45+00	461.0	1.18+05	487.0	4.91+05
651024	8067	3B	.03119	.03049	4.21+00	461.5	1.19+05	483.5	4.65+05
651024	9859	3B	.03273	.03172	4.16+00	472.8	1.11+05	492.1	6.45+05
651024	10115	3B	.04572	.04331	3.17+00	486.9	8.82+04	490.8	6.00+05
651024	10371	3B	.02948	.02779	4.14+00	477.7	1.02+05	489.6	6.13+05
651024	10627	3B	.03254	.03207	4.35+00	468.9	1.12+05	486.9	4.83+05
651024	12163	3B	.03628	.03766	4.40+00	467.4	1.03+05	485.0	4.75+05
651024	12419	3B	.03952	.03712	3.52+00	474.6	9.87+04	483.5	5.19+05
651024	12675	3B	.03483	.03201	3.41+00	474.9	1.02+05	482.0	5.98+05
651024	13187	3B	.02576	.02332	4.95+00	499.4	1.49+05	497.1	6.62+05
651024	14467	3B	.02541	.02475	5.14+00	503.1	1.44+05	509.5	5.32+05
651024	14723	3B	.02910	.02857	4.82+00	500.7	1.21+05	517.5	6.03+05
651024	14979	3B	.01995	.01801	4.57+00	500.3	1.04+05	499.2	7.11+05
651024	15235	3B	.02210	.01933	4.58+00	499.7	1.15+05	497.2	6.73+05
651024	15491	3B	.01952	.01916	4.44+00	499.3	1.01+05	495.5	6.09+05
651024	17027	3B	.02613	.02472	5.03+00	496.6	1.54+05	504.4	6.97+05
651024	17283	3B	.02445	.02409	4.84+00	494.6	1.55+05	511.0	7.31+05
651024	17539	3B	.02746	.02459	4.20+00	501.4	1.29+05	514.1	7.65+05
651024	19331	3B	.02747	.02397	4.85+00	498.3	1.17+05	499.2	7.80+05
651024	19587	3B	.02768	.02585	3.99+00	501.9	9.98+04	502.9	5.76+05
651024	19843	3B	.02581	.02400	4.85+00	498.9	1.09+05	503.4	6.98+05
651024	20099	3B	.02337	.02307	3.18+00	479.5	1.59+05	495.2	4.42+05
651024	20355	3B	.02850	.02965	3.22+00	496.1	1.47+05	517.6	6.66+05
651024	21635	3B	.02304	.02096	4.18+00	497.3	1.38+05	500.9	7.41+05
651024	21691	3B	.02442	.02244	4.24+00	496.5	1.24+05	504.9	7.15+05
651024	22147	3B	.02363	.02457	4.21+00	495.9	1.15+05	507.4	6.62+05
651024	22403	3B	.01836	.01930	4.38+00	497.5	1.25+05	502.1	5.79+05
651024	22659	3B	.02159	.02207	4.46+00	489.8	1.24+05	501.3	7.30+05
651024	24195	3B	.02562	.02248	3.95+00	501.9	1.32+05	502.3	9.74+05
651024	24451	3B	.02352	.02359	4.34+00	496.0	1.38+05	502.5	8.02+05
651024	24707	3B	.02197	.02065	4.34+00	497.2	1.36+05	507.2	7.37+05
651024	24963	3B	.02559	.02269	4.34+00	493.5	1.40+05	497.7	7.05+05
651024	25219	3B	.02055	.02210	4.85+00	497.8	1.35+05	502.8	7.32+05
651024	31075	3B	.02833	.02794	3.97+00	497.4	1.39+05	499.8	7.22+05
651024	32131	3B	.02970	.02969	4.05+00	493.1	1.32+05	501.0	8.31+05
651024	32387	3B	.02736	.02627	3.85+00	498.6	1.19+05	508.7	6.30+05
651024	32643	3B	.06327	.05708	1.72+00	476.0	1.63+05	507.8	9.46+05
651024	32899	3B	.02012	.01894	4.57+00	485.1	1.50+05	500.6	5.50+05
651024	34435	3B	.02585	.02363	3.51+00	486.3	1.02+05	489.3	8.31+05
651024	34691	3B	.02487	.02526	3.97+00	490.6	1.34+05	497.9	7.72+05
651024	34947	3B	.02099	.01747	4.46+00	495.9	1.29+05	492.6	7.60+05
651024	35203	3B	.02498	.02337	3.25+00	488.3	1.07+05	502.2	6.05+05
651024	36995	3B	.02921	.02968	2.89+00	455.0	7.96+04	455.5	6.09+05
651024	39299	3B	.05050	.04682	2.64+00	442.1	1.21+05	457.1	4.38+05
651024	39555	3B	.02302	.02258	2.95+00	447.0	7.99+04	456.8	3.30+05
651024	39811	3B	.01900	.01006	5.30+00	426.1	1.32+05	456.4	5.54+05
651024	40067	3B	.02781	.02785	3.79+00	425.5	7.56+04	457.5	5.85+05
651024	41859	3B	.03458	.03479	2.72+00	432.9	6.41+04	442.9	3.95+05
651024	42115	3B	.03142	.03048	1.65+00	421.8	3.60+04	431.3	3.19+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651024	42371	38	.01756	.01812	2.86+00	418.5	1.31+05	443.8	2.55+05
651024	44675	38	.01640	.01777	5.91+00	427.6	1.01+05	450.5	3.04+05
651024	49539	38	.02109	.01937	5.05+00	455.2	1.05+05	474.3	4.03+05
651024	49795	38	.02612	.02618	4.36+00	452.5	8.33+04	459.6	3.77+05
651024	50307	38	.02153	.02094	5.71+00	449.8	1.33+05	465.4	4.33+05
651024	52099	38	.02429	.02475	4.64+00	440.6	1.03+05	456.5	4.43+05
651024	52355	38	.01854	.01913	5.67+00	447.8	1.03+05	459.0	4.05+05
651024	52611	38	.02509	.02537	5.31+00	457.8	7.08+04	462.8	4.06+05
651024	52867	38	.03400	.03516	4.28+00	449.1	8.68+04	459.0	4.96+05
651024	53123	38	.02043	.02106	6.06+00	452.6	1.08+05	454.1	3.89+05
651024	54403	38	.01951	.01992	5.79+00	442.3	9.31+04	457.4	4.30+05
651024	54915	38	.02242	.02203	5.40+00	448.9	7.53+04	445.9	5.20+05
651024	55427	38	.02016	.02035	5.61+00	442.3	6.38+04	448.4	3.83+05
651024	56963	38	.01746	.01864	5.26+00	420.3	1.02+05	441.1	3.75+05
651024	57219	38	.02529	.02605	5.12+00	435.5	9.50+04	445.8	3.62+05
651024	57475	38	.01734	.01686	4.79+00	452.7	6.70+04	452.3	4.60+05
651024	57731	38	.01898	.01810	4.67+00	436.4	8.58+04	445.7	5.35+05
651024	59523	38	.01389	.01389	5.08+00	442.0	7.48+04	459.7	5.47+05
651024	60035	38	.01117	.01143	5.10+00	460.5	6.94+04	461.5	4.68+05
651024	60291	38	.01049	.01024	5.65+00	463.3	8.60+04	463.0	3.87+05
651024	61571	38	.01060	.01004	5.61+00	454.1	6.48+04	450.8	6.61+05
651024	61827	38	.00925	.00792	6.98+00	457.6	8.58+04	450.4	5.56+05
651024	62083	38	.01288	.01287	6.55+00	447.4	8.25+04	460.0	5.25+05
651024	62339	38	.01041	.01045	6.36+00	439.6	8.94+04	448.0	4.02+05
651024	62595	38	.00708	.00589	9.05+00	447.7	7.56+04	442.9	4.43+05
651024	64387	38	.00808	.00787	8.92+00	456.9	7.49+04	462.1	4.59+05
651024	64899	38	.00791	.00782	8.65+00	456.0	7.35+04	461.1	3.51+05
651024	66435	38	.01049	.01014	6.14+00	451.9	7.30+04	452.3	4.21+05
651024	66691	38	.01414	.01412	6.20+00	458.5	6.47+04	464.5	3.64+05
651024	67203	38	.01172	.01152	6.92+00	447.6	6.45+04	457.0	3.11+05
651024	69251	38	.01225	.01219	7.68+00	450.0	5.06+04	454.0	2.82+05
651024	71555	38	.01269	.01262	8.70+00	450.2	6.10+04	452.9	2.42+05
651024	71811	38	.01060	.01055	8.43+00	449.7	5.84+04	455.6	2.72+05
651024	72323	38	.00903	.00913	8.41+00	452.1	6.49+04	453.4	3.58+05
651024	72570	38	.00821	.00823	8.14+00	453.4	6.89+04	456.7	3.85+05
651024	73091	38	.00749	.00765	8.39+00	454.6	7.46+04	460.3	3.38+05
651024	74627	38	.01261	.01172	6.92+00	452.7	6.69+04	458.3	4.47+05
651024	74883	38	.00657	.00671	6.88+00	457.0	7.54+04	454.7	4.44+05
651024	75139	38	.00647	.00669	6.96+00	454.7	7.54+04	463.3	6.53+05
651024	75395	38	.00560	.00562	6.93+00	453.2	7.29+04	460.4	4.61+05
651024	76931	38	.00736	.00762	7.99+00	456.0	9.22+04	465.8	5.08+05
651024	77187	38	.00774	.00728	8.06+00	452.7	8.77+04	457.4	4.00+05
651024	77443	38	.00818	.00808	8.06+00	453.1	9.16+04	456.6	6.30+05
651024	77699	38	.00757	.00778	8.18+00	451.8	9.07+04	457.1	3.61+05
651024	77955	38	.00653	.00673	7.77+00	451.5	8.73+04	458.6	5.49+05
651024	79491	38	.01008	.00942	6.30+00	435.1	8.37+04	444.7	5.55+05
651024	79747	38	.01190	.01133	6.27+00	446.5	7.92+04	447.9	4.87+05
651024	80003	38	.01399	.01356	4.99+00	452.0	7.41+04	448.1	4.64+05
651024	80259	38	.01581	.01329	4.13+00	448.3	6.07+04	448.3	6.85+05
651024	81795	38	.01162	.01147	5.30+00	459.5	8.71+04	455.8	4.80+05
651024	82051	38	.01174	.01171	5.27+00	455.2	8.89+04	452.4	5.15+05
651024	82307	38	.01244	.01224	5.27+00	454.7	7.92+04	447.1	4.15+05
651024	82563	38	.01156	.01156	5.26+00	453.6	8.95+04	452.7	5.08+05
651024	82819	38	.00952	.00937	5.54+00	452.7	8.71+04	449.6	3.91+05
651024	84099	38	.01275	.01226	4.88+00	451.3	7.15+04	448.2	4.62+05
651024	84611	38	.01214	.01219	5.06+00	461.7	9.33+04	452.5	4.13+05
651024	84867	38	.01136	.01132	5.06+00	460.8	9.19+04	456.0	3.89+05
651024	85123	38	.01154	.01147	5.45+00	408.4	9.23+04	412.0	4.94+05
651025	259	38	.01115	.01108	4.80+00	427.0	6.04+04	436.7	4.00+05
651025	515	38	.01274	.01320	4.62+00	434.0	5.96+04	423.2	3.67+05

DATE	TIME	RD	APR1	APR2	DENSITY	P SEL	P TEMP	A VEL.	A TEMP
651025	771	3B	.01353	.01306	4.89+00	422.7	5.92+04	432.0	4.87+05
651025	2563	3B	.01571	.01491	5.26+00	417.9	6.93+04	428.5	5.18+05
651025	2619	3B	.01662	.01787	4.86+00	407.1	5.10+04	426.8	2.75+05
651025	3075	3B	.01224	.01324	5.31+00	396.8	8.62+04	416.1	3.15+05
651025	3331	3B	.01513	.01597	5.42+00	400.5	9.08+04	412.2	4.13+05
651025	3587	3B	.01350	.01245	5.28+00	417.0	6.77+04	419.3	4.32+05
651025	4867	3B	.01936	.01961	5.11+00	415.0	7.28+04	420.6	3.23+05
651025	5123	3B	.01994	.01984	5.21+00	404.9	7.05+04	412.5	4.02+05
651025	5379	3B	.01678	.01658	5.73+00	419.4	6.52+04	421.3	3.24+05
651025	5635	3B	.01611	.01452	6.29+00	424.3	7.64+04	418.1	4.53+05
651025	5891	3B	.01375	.01372	5.68+00	404.2	7.78+04	411.8	3.17+05
651025	7427	3B	.01369	.01286	6.26+00	417.0	7.63+04	424.3	4.76+05
651025	7683	3B	.01464	.01431	6.99+00	409.2	8.85+04	425.3	4.10+05
651025	7939	3B	.01319	.01300	6.64+00	413.0	7.71+04	398.2	2.09+05
651025	8451	3B	.02972	.03202	3.82+00	388.5	9.16+04	407.8	4.36+05
651025	9987	3B	.01463	.01451	6.37+00	406.8	8.11+04	417.4	3.60+05
651025	10499	3B	.01665	.01663	5.61+00	416.2	6.85+04	419.7	3.29+05
651025	12803	3B	.01280	.03832	5.32+00	370.6	8.41+04	400.4	2.68+05
651025	13059	3B	.01789	.01789	5.49+00	387.8	8.15+04	405.0	3.41+05
651025	14595	3B	.01354	.01354	4.94+00	410.8	6.84+04	412.9	3.42+05
651025	14851	3B	.01313	.01279	5.36+00	407.3	7.37+04	416.8	5.07+05
651025	15363	3B	.01607	.01565	5.64+00	415.6	6.53+04	410.6	3.10+05
651025	15363	3B	.01607	.01565	5.64+00	415.6	6.53+04	410.6	3.10+05
651025	15619	3B	.01374	.01354	5.37+00	407.7	6.61+04	412.1	3.15+05
651025	16899	3B	.01252	.01245	5.16+00	410.7	6.44+04	414.2	4.02+05
651025	17155	3B	.01662	.01461	5.51+00	417.7	7.38+04	416.0	5.02+05
651025	19459	3B	.01233	.01221	6.55+00	362.1	1.21+05	397.6	2.76+05
651026	24408	3A	.11475	.11487	4.27+00	328.1	2.98+04	340.5	2.37+05
651026	63576	3A	.03546	.03551	5.50+00	373.8	6.08+04	380.2	1.76+05
651026	63832	3A	.03910	.03914	5.11+00	379.5	3.76+04	381.1	1.25+05
651026	64344	3A	.03412	.03405	4.58+00	374.2	3.93+04	376.0	1.47+05
651026	64600	3A	.04505	.04463	5.19+00	370.0	4.20+04	363.0	1.06+05
651026	64856	3A	.02915	.02904	6.31+00	368.9	4.84+04	375.2	1.60+05
651026	73560	3A	.03442	.03492	3.64+00	363.7	4.43+04	358.0	9.77+04
651026	73818	3A	.03762	.03744	3.76+00	370.0	3.79+04	361.9	1.02+05
651027	13271	3A	.06928	.07125	5.32+00	386.5	7.94+04	389.2	2.54+05
651027	13527	3A	.07666	.07250	5.57+00	381.1	8.67+04	383.8	3.25+05
651027	13783	3A	.05788	.06127	5.20+00	388.2	1.02+05	398.2	2.52+05
651027	14039	3A	.05637	.06042	5.85+00	392.2	7.06+04	400.2	2.46+05
651027	14295	3A	.05134	.05540	6.59+00	385.7	1.04+05	400.1	3.61+05
651027	14551	3A	.03949	.04065	6.08+00	386.1	7.50+04	393.0	2.43+05
651027	28119	3A	.02707	.02692	6.69+00	374.8	1.12+05	382.7	2.68+05
651027	28631	3A	.02543	.02514	6.53+00	376.5	6.54+04	375.3	2.04+05
651027	28887	3A	.02759	.02717	9.61+00	371.5	5.00+04	388.9	1.00+05
651027	29143	3A	.03517	.03532	5.33+00	371.1	4.00+04	373.1	9.95+04
651027	42199	3A	.04913	.05673	4.47+00	493.7	2.13+05	533.9	7.62+05
651027	42711	3A	.05782	.05810	4.25+00	494.5	2.71+05	528.8	6.00+05
651027	42967	3A	.05866	.06907	4.28+00	489.3	2.70+05	534.4	7.80+05
651027	43223	3A	.05717	.06331	3.98+00	496.0	2.63+05	532.0	8.52+05
651027	57047	3A	.04221	.04496	5.78+00	519.1	2.48+05	539.8	6.46+05
651027	57303	3A	.03289	.03575	5.67+00	509.8	2.55+05	535.7	6.66+05
651027	57559	3A	.03041	.03644	6.78+00	501.3	2.80+05	536.6	6.88+05
651027	57815	3A	.03518	.03576	5.58+00	505.9	1.82+05	533.6	6.43+05
651027	58071	3A	.03922	.03568	6.24+00	504.3	2.30+05	521.0	7.90+05
651027	58327	3A	.03975	.04346	5.60+00	503.3	2.44+05	530.0	7.32+05
651027	69335	3A	.04965	.04915	6.26+00	531.8	2.19+05	559.3	8.28+05
651027	69847	3A	.04978	.05092	5.82+00	526.4	1.74+05	546.9	7.49+05
651027	70615	3A	.03903	.03689	5.36+00	518.7	1.89+05	546.3	8.44+05
651028	1367	3A	.05476	.05466	5.19+00	537.2	1.98+05	557.6	7.45+05
651028	4143	3A	.04470	.05400	5.39+00	547.5	2.24+05	571.4	7.82+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651028	4439	3A	.05314	.05747	5.28+00	548.6	2.17+05	574.2	8.83+05
651028	4695	3A	.05022	.05407	5.21+00	553.6	2.00+05	569.7	5.53+05
651028	14679	3A	.03962	.04150	5.00+00	544.8	2.43+05	569.9	1.06+06
651028	17751	3A	.03260	.03658	5.18+00	524.5	2.34+05	548.0	7.07+05
651028	18007	3A	.03952	.04355	4.81+00	524.0	2.28+05	554.5	8.95+05
651028	18263	3A	.03812	.03975	5.69+00	520.1	2.62+05	562.5	1.18+06
651028	22148	3B	.04076	.04344	5.82+00	522.5	2.35+05	559.2	8.68+05
651028	22404	3B	.03672	.03803	6.91+00	531.2	2.23+05	558.1	8.91+05
651028	22916	3B	.03625	.03912	6.48+00	521.8	2.30+05	561.5	9.37+05
651028	23172	3B	.03891	.04170	7.05+00	525.0	2.51+05	558.8	7.38+05
651028	23428	3B	.03743	.04325	7.26+00	525.4	2.65+05	568.6	7.64+05
651028	29783	3A	.04147	.04533	6.65+00	520.2	2.27+05	537.4	8.44+05
651028	32087	3A	.03064	.03669	7.47+00	493.5	2.73+05	519.1	6.58+05
651028	32599	3A	.02638	.02692	7.23+00	498.8	2.11+05	497.9	4.27+05
651028	36228	3B	.03986	.05010	5.84+00	525.6	2.54+05	546.4	7.50+05
651028	36484	3B	.06163	.06585	5.63+00	545.8	1.92+05	560.4	1.07+06
651028	37508	3B	.03376	.03344	6.48+00	526.1	2.17+05	551.2	7.71+05
651028	39044	3B	.03777	.04145	5.95+00	521.2	2.52+05	567.2	9.66+05
651028	39300	3B	.03839	.04056	6.21+00	523.1	2.37+05	561.0	9.48+05
651028	39556	3B	.04226	.04389	5.68+00	521.3	2.45+05	558.7	1.01+06
651028	39812	3B	.03009	.03174	5.98+00	524.0	2.35+05	557.1	7.74+05
651028	50564	3B	.03938	.04138	3.49+00	537.7	1.79+05	545.2	8.22+05
651028	50820	3B	.04499	.04629	3.43+00	541.9	1.99+05	542.0	8.45+05
651028	51076	3B	.04448	.04646	3.28+00	533.0	1.73+05	540.7	7.91+05
651028	51588	3B	.03322	.03073	3.51+00	529.9	1.67+05	543.3	9.15+05
651028	54404	3B	.04226	.04444	3.85+00	525.3	1.73+05	534.6	7.70+05
651028	73861	3B	.02768	.02723	4.28+00	512.8	1.18+05	508.5	3.38+05
651028	74117	3B	.01962	.02060	4.71+00	516.9	1.46+05	508.2	2.77+05
651028	74373	3B	.02602	.02349	4.84+00	508.9	1.12+05	508.2	8.09+05
651028	74629	3B	.03345	.02678	3.85+00	508.2	1.24+05	502.3	8.39+05
651028	75141	3B	.02983	.02935	4.75+00	514.1	1.39+05	518.0	7.87+05
651028	75397	3B	.03308	.03335	3.57+00	509.3	1.31+05	518.3	5.84+05
651028	75653	3B	.03204	.02905	4.83+00	510.7	1.35+05	506.7	8.83+05
651029	3845	3B	.05528	.06083	2.45+00	479.0	1.27+05	480.2	6.25+05
651029	4101	3B	.04069	.04051	3.39+00	450.6	1.92+05	468.1	5.06+05
651029	4357	3B	.04836	.04862	3.18+00	454.6	1.41+05	491.5	8.08+05
651029	5125	3B	.04672	.04648	3.43+00	469.7	1.25+05	474.4	5.83+05
651029	7173	3B	.04822	.04722	3.16+00	462.7	1.37+05	470.5	6.37+05
651029	7429	3B	.04568	.04716	3.31+00	467.5	1.29+05	476.7	5.11+05
651029	14597	3B	.03927	.03712	2.92+00	453.0	1.14+05	464.0	5.25+05
651029	14853	3B	.03715	.03506	2.92+00	461.0	9.69+04	463.3	5.35+05
651029	15109	3B	.04353	.03858	2.74+00	463.1	1.23+05	454.1	5.54+05
651029	16389	3B	.04097	.04136	2.96+00	459.5	9.53+04	460.1	4.90+05
651029	16645	3B	.04112	.04095	2.69+00	458.6	9.50+04	458.7	4.97+05
651029	16901	3B	.04309	.04226	2.71+00	460.5	8.40+04	461.3	5.13+05
651029	17157	3B	.04202	.04156	2.66+00	453.8	7.63+04	456.7	5.16+05
651029	17413	3B	.04308	.04251	2.71+00	446.4	8.55+04	457.9	4.74+05
651029	17669	3B	.03764	.03941	2.63+00	439.8	8.76+04	448.0	4.02+05
651029	31749	3B	.04368	.04228	2.77+00	439.5	8.45+04	445.3	4.24+05
651029	32005	3B	.03984	.03989	2.61+00	439.4	7.09+04	448.5	4.03+05
651029	32261	3B	.03937	.03710	2.76+00	441.4	6.40+04	446.7	5.11+05
651029	32517	3B	.03923	.03947	2.85+00	442.5	7.95+04	447.3	3.41+05
651029	32773	3B	.03929	.03740	2.75+00	442.5	6.40+04	439.1	4.80+05
651029	33029	3B	.03927	.03805	3.03+00	442.8	7.33+04	447.1	4.46+05
651029	45829	3B	.03200	.03202	3.24+00	426.7	1.01+05	441.9	4.43+05
651029	46085	3B	.03852	.04037	3.31+00	430.4	8.18+04	438.4	3.14+05
651029	46341	3B	.03631	.03683	2.95+00	422.9	6.26+04	424.0	2.48+05
651029	46597	3B	.03089	.02977	3.23+00	426.4	7.16+04	438.2	2.80+05
651029	59653	3B	.03208	.03157	4.64+00	429.6	6.61+04	434.4	4.18+05
651029	59909	3B	.02243	.02218	3.84+00	414.8	7.58+04	426.2	4.04+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670603	25024	3A	.01140	.04363	2.44+00	451.5	2.25+05	504.5	6.39+05
670603	65728	3A	.00715	.00705	3.32+00	424.8	3.45+04	421.1	1.61+05
670604	12352	3A	.00450	.00445	5.19+00	384.4	2.88+04	384.8	7.35+04
670604	41535	3A	.04170	.04150	1.18+01	350.0	2.48+04	341.2	2.98+05
670608	25660	3A	.09915	.09843	7.55+00	431.0	6.18+04	429.0	2.05+05
670608	26172	3A	.10755	.10517	7.33+00	429.2	6.74+04	429.9	2.23+05
670608	63515	3A	.04517	.04510	4.53+00	532.1	1.44+05	522.4	7.26+05
670608	83771	3A	.05765	.05685	4.56+00	524.8	1.78+05	536.9	6.05+05
670608	64283	3A	.05254	.05217	4.23+00	491.3	1.08+05	537.8	8.78+05
670608	84795	3A	.05943	.05610	4.42+00	532.3	1.40+05	531.5	7.86+05
670608	65051	3A	.06268	.05328	3.99+00	526.5	1.26+05	518.7	9.15+05
670608	65307	3A	.05413	.05152	4.40+00	533.6	1.73+05	532.0	7.19+05
670608	66075	3A	.05428	.05384	3.41+00	515.6	1.39+05	530.1	6.31+05
670608	66331	3A	.05723	.05553	2.97+00	516.7	9.39+04	530.7	7.52+05
670609	22203	3A	.07040	.07418	4.34+00	517.8	1.41+05	513.9	5.22+05
670612	72248	3A	.04371	.04355	4.69+00	345.3	2.89+04	351.0	4.64+04
670612	72504	3A	.01837	.01782	5.68+00	345.3	2.27+04	344.7	1.48+05
670613	24759	3A	.03819	.03469	6.23+00	382.7	1.00+05	381.7	3.08+05
670613	25015	3A	.03690	.03905	7.23+00	376.4	9.30+04	379.9	3.27+05
670613	25271	3A	.03640	.03408	8.17+00	373.3	1.03+05	381.9	3.58+05
670613	25527	3A	.03557	.04073	7.32+00	375.8	1.14+05	391.8	3.15+05
670613	25763	3A	.03339	.03618	7.66+00	381.3	1.06+05	394.1	3.14+05
670613	26039	3A	.03899	.04085	7.77+00	380.0	1.09+05	391.1	3.39+05
670613	26551	3A	.03965	.03861	7.37+00	377.6	9.61+04	384.6	3.05+05
670613	26807	3A	.04205	.03961	6.76+00	377.0	9.65+04	383.7	3.58+05
670613	27063	3A	.04404	.04379	6.78+00	371.6	1.04+05	386.6	3.08+05
670613	27319	3A	.03899	.03797	7.09+00	375.5	1.01+05	384.0	3.08+05
670613	27575	3A	.04246	.04055	6.78+00	376.3	9.73+04	383.1	3.42+05
670613	28087	3A	.03856	.03808	7.50+00	360.7	1.00+05	377.7	4.12+05
670613	28343	3A	.09030	.09115	5.16+00	362.8	1.45+05	381.2	5.13+05
670613	28599	3A	.03884	.03994	6.69+00	374.7	1.13+05	384.8	2.95+05
670613	28855	3A	.04088	.03836	5.92+00	371.1	8.86+04	385.5	2.81+05
670613	29111	3A	.04325	.04355	5.65+00	373.7	8.38+04	374.9	2.79+05
670613	36023	3A	.08199	.05512	3.09+00	344.4	9.63+04	345.8	4.70+05
670613	36535	3A	.04450	.04752	5.36+00	366.5	9.68+04	371.0	3.08+05
670613	36791	3A	.05061	.06019	5.88+00	357.2	1.30+05	372.4	3.43+05
670613	37815	3A	.04675	.04273	6.00+00	360.3	1.35+05	376.0	3.42+05
670617	47284	3A	.07367	.06363	2.69+00	469.9	4.17+05	519.9	6.31+05
670617	47540	3A	.07427	.06573	2.91+00	494.5	2.18+05	499.9	4.04+05
670617	72371	3A	.06322	.06121	5.02+00	421.4	1.28+05	425.4	3.73+05
670617	72627	3A	.06206	.05864	4.67+00	422.2	1.34+05	423.8	4.14+05
670618	10803	3A	.07756	.07600	2.73+00	435.6	9.20+04	448.5	2.39+05
670622	64559	3A	.03891	.03910	6.21+00	319.0	3.93+04	307.1	7.03+04
670622	64815	3A	.03367	.03404	7.16+00	318.9	3.44+04	314.1	9.53+04
670622	65639	3A	.04115	.04151	6.62+00	318.3	4.20+04	312.3	7.40+04
670622	66351	3A	.04108	.04128	7.22+00	324.2	4.36+04	317.6	8.82+04
670622	66807	3A	.04252	.04362	5.56+00	318.5	4.83+04	312.1	1.16+05
670622	67119	3A	.03340	.03173	6.22+00	314.0	2.37+04	307.5	8.97+04
670622	67631	3A	.05267	.05293	6.06+00	318.5	2.75+04	319.0	8.65+04
670622	67887	3A	.07025	.07015	6.39+00	318.2	2.76+04	321.8	8.64+04
670622	68143	3A	.09289	.09207	4.76+00	313.1	4.04+04	321.4	8.60+04
670622	68655	3A	.04201	.04102	7.41+00	313.1	2.31+04	308.2	4.05+04
670623	431	3A	.04456	.04457	6.19+00	309.8	2.74+04	308.9	4.89+04
670627	6571	3A	.04960	.04962	5.68+00	392.7	1.75+05	406.9	3.91+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670520	26573	3A	.04579	.04586	2.59+00	396.2	4.96+04	398.9	2.05+05
670520	26629	3A	.04171	.04179	2.91+00	398.3	4.88+04	399.9	2.11+05
670520	27085	3A	.03835	.03843	3.00+00	395.5	5.02+04	398.7	2.41+05
670520	27341	3A	.04071	.04149	2.73+00	345.9	6.12+04	396.0	2.70+05
670520	27597	3A	.04776	.04427	2.35+00	391.3	4.97+04	380.8	2.87+05
670520	28365	3A	.03451	.03370	3.06+00	401.3	4.88+04	403.2	1.96+05
670520	70349	3A	.04151	.04716	3.33+00	349.0	1.08+05	371.2	1.14+05
670521	7500	3A	.04556	.04670	3.91+00	345.1	5.26+04	344.5	1.78+05
670521	1756	3A	.03031	.03195	4.24+00	345.2	5.55+04	342.7	2.09+05
670524	54729	3A	.02231	.02256	1.61+01	316.6	5.12+04	313.7	1.01+05
670524	57033	3A	.05074	.05046	7.50+00	322.7	3.82+04	325.1	8.93+04
670524	65193	3A	.04708	.04003	1.27+01	409.6	1.91+05	412.0	4.34+05
670525	329	3A	.04468	.04449	1.41+01	417.1	1.75+05	424.6	4.24+05
670525	565	3A	.04643	.04593	1.35+01	416.9	1.73+05	424.6	4.36+05
670525	841	3A	.04445	.04407	1.26+01	415.2	1.69+05	423.6	4.50+05
670525	1097	3A	.04329	.04255	1.26+01	413.0	1.63+05	418.8	3.75+05
670525	1353	3A	.03914	.04077	1.28+01	411.4	1.92+05	425.7	4.15+05
670525	1609	3A	.03972	.04169	1.22+01	408.4	1.93+05	423.1	4.21+05
670525	1865	3A	.04018	.04212	1.21+01	412.5	2.01+05	422.5	4.30+05
670525	2121	3A	.03316	.03424	1.17+01	408.1	2.20+05	433.3	3.72+05
670525	2377	3A	.03616	.03122	1.19+01	405.2	2.18+05	425.3	4.64+05
670525	23625	3A	.02893	.02891	7.27+00	457.0	1.41+05	462.8	4.69+05
670525	23881	3A	.03754	.03709	6.28+00	446.8	1.28+05	447.9	4.98+05
670525	24137	3A	.03146	.02778	7.07+00	443.3	1.48+05	448.3	4.54+05
670525	24905	3A	.02964	.03213	6.00+00	454.0	1.51+05	458.5	4.31+05
670525	25161	3A	.03277	.03459	9.19+00	460.4	1.79+05	465.1	4.21+05
670525	25417	3A	.02648	.02621	6.30+00	450.8	1.60+05	458.1	4.71+05
670525	25673	3A	.03175	.03131	7.12+00	454.9	1.44+05	460.9	4.92+05
670525	25929	3A	.03872	.03845	6.93+00	448.1	1.52+05	455.5	5.54+05
670525	26185	3A	.03294	.03370	7.37+00	452.9	1.49+05	455.1	5.67+05
670525	26441	3A	.03658	.03371	6.46+00	451.7	1.41+05	460.2	6.47+05
670525	26953	3A	.03429	.03642	7.10+00	433.2	1.51+05	456.1	5.69+05
670525	27209	3A	.03360	.02819	6.71+00	443.3	1.45+05	446.5	5.22+05
670525	27465	3A	.03997	.03941	5.47+00	419.0	1.10+05	434.8	5.17+05
670525	27721	3A	.03900	.03656	6.24+00	417.8	1.25+05	436.3	4.71+05
670525	27977	3A	.02825	.02679	7.30+00	430.8	1.40+05	434.9	5.49+05
670525	28233	3A	.03316	.03130	6.80+00	437.9	1.47+05	441.3	4.68+05
670525	28489	3A	.03456	.03246	6.14+00	441.1	1.23+05	441.4	4.90+05
670525	29001	3A	.02900	.02684	6.99+00	441.8	1.12+05	434.1	4.59+05
670525	29257	3A	.03809	.03548	6.64+00	447.4	9.70+04	439.4	4.98+05
670525	29769	3A	.03303	.03374	5.75+00	429.2	1.12+05	445.4	6.06+05
670525	30025	3A	.03498	.03620	5.95+00	436.8	1.22+05	436.5	4.89+05
670525	30281	3A	.03140	.02719	5.32+00	419.9	9.93+04	430.5	5.55+05
670525	30793	3A	.04334	.04274	4.38+00	433.0	9.97+04	436.3	5.86+05
670525	36937	3A	.03215	.03396	6.66+00	429.0	9.90+04	441.9	4.12+05
670525	37961	3A	.06850	.06802	2.13+01	441.9	7.28+04	445.1	3.27+05
670525	38217	3A	.06911	.06890	1.84+01	445.5	7.47+04	453.3	2.76+05
670525	36984	3A	.02311	.02342	6.33+00	427.1	1.26+05	444.2	4.28+05
670525	39240	3A	.02948	.02932	9.54+00	436.8	1.02+05	447.3	4.23+05
670525	40264	3A	.11377	.11314	1.34+01	446.3	6.45+04	442.9	1.23+05
670525	40520	3A	.07777	.07787	1.32+01	446.6	8.51+04	452.7	1.62+05
670525	1480	3A	.16389	.16354	7.35+00	685.0	5.98+04	654.5	4.58+05
670525	2248	3A	.16041	.16018	7.02+00	652.2	6.35+04	685.5	3.59+05
670530	7384	3A	.04855	.04656	4.37+00	423.3	5.47+04	424.5	2.43+05
670530	7620	3A	.04849	.04584	4.80+00	427.6	6.31+04	428.3	3.41+05
670530	8132	3A	.04355	.04342	5.21+00	416.6	5.89+04	419.3	2.42+05
670530	52932	3A	.01917	.03908	1.24+01	536.0	2.31+05	565.1	7.46+05
670530	53188	3A	.02848	.02852	9.38+00	536.7	1.91+05	568.2	8.02+05
670530	76484	3A	.04662	.05077	7.12+00	539.9	1.97+05	557.3	8.01+05
670603	24512	3A	.01622	.05271	2.87+00	434.3	2.07+05	487.3	1.02+06

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670507	8824	3A	.01668	.03510	6.32+00	418.6	1.60+05	433.1	4.10+05
670507	9336	3A	.00779	.03459	5.98+00	418.6	1.96+05	447.9	5.14+05
670507	0592	3A	.00927	.03909	5.72+00	412.9	3.10+05	455.8	1.03+06
670507	9848	3A	.00784	.03657	5.17+00	407.3	3.40+05	463.2	9.08+05
670507	10104	3A	.01133	.03651	4.86+00	407.7	3.05+05	436.6	2.57+05
670507	27256	3A	.23214	.23129	4.81+00	400.0	7.20+04	450.4	6.54+05
670507	27512	3A	.01259	.01245	1.61+01	405.0	5.06+04	407.5	1.76+05
670507	27768	3A	.01431	.01437	1.62+01	404.8	4.75+04	406.6	1.42+05
670507	28024	3A	.01392	.01405	1.65+01	407.2	5.83+04	404.4	1.87+05
670508	17777	3B	.01607	.01607	5.40+00	364.1	3.08+04	363.5	9.35+04
670508	18289	3B	.01350	.01343	6.45+00	359.8	2.94+04	360.7	1.00+05
670508	18545	3B	.01378	.01365	7.63+00	359.3	3.36+04	358.1	1.06+05
670508	34929	3B	.02844	.02975	3.10+00	342.1	4.21+04	344.0	1.41+05
670508	35185	3B	.03828	.03808	3.82+00	345.7	3.88+04	346.6	1.43+05
670510	44533	3A	.01980	.02177	6.27+00	361.6	9.82+04	371.3	3.58+05
670510	45301	3A	.02075	.02217	5.41+00	367.5	9.17+04	379.3	2.67+05
670511	11637	3A	.01469	.01306	6.87+00	388.3	6.04+04	390.7	2.65+05
670511	43124	3A	.00696	.01617	6.40+00	403.1	1.40+05	423.0	6.15+05
670511	43380	3A	.00508	.00551	5.60+00	406.8	1.28+05	432.3	3.18+05
670511	44148	3A	.00402	.00428	5.40+00	404.5	1.16+05	441.8	4.47+05
670515	57969	3A	.01689	.01669	7.28+00	327.3	2.99+04	322.7	1.26+05
670515	68225	3A	.02114	.02110	6.41+00	329.3	2.79+04	328.4	7.56+04
670515	83056	3A	.07645	.07546	3.51+00	310.7	2.69+04	315.5	2.52+05
670516	83312	3A	.02706	.02762	6.24+00	300.0	6.28+04	304.4	1.32+05
670515	83568	3A	.03224	.03197	5.73+00	321.9	3.88+04	326.1	1.49+05
670515	84080	3A	.03274	.03304	4.92+00	324.4	3.69+04	323.2	1.41+05
670516	23023	3A	.03295	.03299	6.51+00	318.0	4.64+04	319.2	1.50+05
670516	23279	3A	.02861	.02905	6.85+00	317.5	4.04+04	318.0	1.61+05
670516	23535	3A	.02978	.02985	6.52+00	317.2	4.44+04	317.9	1.24+05
670516	24047	3A	.02568	.02588	5.99+00	311.5	3.66+04	310.3	9.79+04
670516	30191	3A	.02718	.02751	6.04+00	307.8	3.76+04	306.1	1.08+05
670516	30703	3A	.01644	.01682	5.97+00	309.2	4.67+04	308.8	1.45+05
670516	31215	3A	.01553	.01574	5.51+00	304.2	3.79+04	306.6	8.77+04
670516	31727	3A	.01105	.01088	6.66+00	310.6	2.90+04	311.1	1.18+05
670516	31983	3A	.01089	.01107	5.98+00	299.6	3.61+04	303.8	1.22+05
670516	32239	3A	.00592	.00573	5.69+00	300.2	2.87+04	303.1	1.67+05
670516	32495	3A	.00958	.00917	5.30+00	301.5	2.97+04	301.0	1.25+05
670516	32751	3A	.01127	.01109	5.92+00	300.5	3.41+04	299.2	1.48+05
670516	33007	3A	.00966	.00990	4.73+00	299.6	3.81+04	301.7	1.71+05
670516	34031	3A	.00764	.00767	5.91+00	297.0	2.24+04	298.8	7.20+04
670516	34287	3A	.00552	.00549	4.68+00	295.3	2.41+04	291.8	5.94+04
670516	34543	3A	.00780	.00779	4.30+00	295.7	2.19+04	296.4	8.30+04
670520	56337	3A	.05456	.05138	3.89+00	389.8	8.91+04	407.8	5.00+05
670520	20429	3A	.04651	.04656	2.61+00	383.9	5.58+04	397.3	3.36+05
670520	21197	3A	.04328	.04247	3.08+00	390.7	6.20+04	391.6	2.67+05
670520	21709	3A	.04142	.04076	2.80+00	382.1	5.20+04	390.0	2.72+05
670520	22477	3A	.02487	.02156	2.67+00	394.6	5.74+04	383.1	2.03+05
670520	22733	3A	.05327	.05303	4.48+00	391.1	5.40+04	397.1	2.54+05
670520	22989	3A	.04245	.04267	2.55+00	387.1	5.47+04	399.2	2.42+05
670520	23245	3A	.04980	.04719	2.67+00	391.7	5.34+04	394.5	3.84+05
670520	23501	3A	.03719	.03895	2.81+00	391.8	5.91+04	399.3	2.10+05
670520	23787	3A	.03310	.02952	2.63+00	395.9	5.13+04	391.0	2.66+05
670520	24013	3A	.03582	.03748	2.78+00	394.1	5.87+04	398.0	2.07+05
670520	24269	3A	.04202	.03782	2.67+00	393.9	5.39+04	393.5	3.11+05
670520	24825	3A	.03603	.03611	2.65+00	399.9	4.65+04	403.5	2.26+05
670520	24781	3A	.03948	.03955	2.82+00	402.9	4.53+04	400.7	1.91+05
670520	25293	3A	.04410	.04008	2.58+00	399.2	4.97+04	397.2	3.31+05
670520	25549	3A	.04115	.03805	2.91+00	401.0	5.08+04	398.8	2.52+05
670520	26061	3A	.04493	.04484	2.66+00	401.1	4.61+04	404.3	3.15+05
670520	26317	3A	.04267	.04213	2.95+00	401.3	4.68+04	403.8	2.40+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670502	13053	3A	.07123	.07077	1.87+01	474.3	2.54+05	487.9	6.43+05
670502	14589	3A	.03311	.03294	2.88+01	470.5	1.69+05	479.5	5.10+05
670502	22780	3A	.02929	.03232	2.86+01	471.8	1.43+05	472.2	4.53+05
670502	24828	3A	.03407	.03440	1.79+01	463.5	1.34+05	467.7	5.08+05
670502	25852	3A	.04139	.03774	2.88+01	462.5	1.03+05	455.9	5.03+05
670502	35088	3A	.01790	.04089	2.97+01	427.1	1.70+05	439.5	4.40+05
670502	35580	3A	.00972	.00962	3.11+01	432.1	1.31+05	448.4	3.60+05
670502	36092	3A	.01629	.01532	4.83+00	418.0	1.06+05	419.7	3.58+05
670502	36804	3A	.01512	.01504	2.73+01	432.0	6.73+04	427.2	3.38+05
670503	51184	3B	.02967	.06015	8.85+00	389.3	1.48+05	398.9	3.67+05
670503	52208	3B	.05945	.05774	4.87+00	389.0	1.06+05	388.1	3.97+05
670503	63216	3B	.03267	.02941	5.81+00	361.0	5.83+04	365.6	4.53+05
670503	65520	3B	.03824	.03752	5.84+00	391.3	6.33+04	393.1	2.66+05
670503	67056	3B	.02684	.02712	1.11+01	388.1	1.50+05	401.4	3.43+05
670504	20080	3B	.03584	.03508	3.92+00	439.0	6.38+04	436.1	4.58+05
670504	21360	3B	.03417	.03150	4.16+00	434.3	9.96+04	440.8	4.89+05
670504	33392	3B	.03712	.03788	3.87+00	436.3	9.81+04	438.5	5.12+05
670504	33648	3B	.03519	.03486	3.88+00	436.5	9.86+04	434.0	5.38+05
670504	36464	3B	.03303	.03429	3.70+00	418.5	1.09+05	433.1	3.34+05
670504	43888	3B	.03669	.03745	3.35+00	422.8	1.05+05	433.7	4.41+05
670504	45424	3B	.02578	.02602	3.67+00	430.4	9.96+04	433.1	5.11+05
670504	65168	3B	.02263	.02288	3.19+00	391.9	7.79+04	409.2	3.19+05
670505	71033	3A	.04771	.05038	4.11+00	353.9	9.98+04	379.4	3.32+05
670505	71289	3A	.05555	.05204	2.69+00	345.8	5.93+04	362.2	4.96+05
670505	72569	3A	.03051	.02733	4.95+00	347.9	9.23+04	361.0	3.90+05
670506	6649	3A	.02153	.02175	3.26+00	383.3	8.98+04	386.6	3.16+05
670506	6905	3A	.02707	.02791	3.30+00	378.9	8.80+04	389.5	3.04+05
670506	7161	3A	.02148	.01670	3.66+00	377.5	9.56+04	385.5	4.00+05
670506	7417	3A	.02682	.02444	3.22+00	372.4	9.43+04	382.3	4.42+05
670506	7929	3A	.02215	.01861	3.24+00	374.0	1.02+05	387.1	3.12+05
670506	17657	3A	.01571	.01687	3.43+00	384.7	9.99+04	395.7	2.82+05
670506	17913	3A	.01557	.01565	3.56+00	378.1	8.02+04	383.3	3.14+05
670506	18425	3A	.01325	.01262	3.54+00	376.3	8.71+04	372.9	1.75+05
670506	18681	3A	.01977	.02044	3.40+00	375.9	1.08+05	387.9	3.42+05
670506	19193	3A	.01740	.01568	3.17+00	374.9	9.41+04	383.1	4.41+05
670506	19449	3A	.01522	.01507	3.24+00	379.0	8.98+04	399.9	2.65+05
670506	19705	3A	.01804	.01781	3.81+00	387.0	8.11+04	379.9	2.47+05
670506	19961	3A	.01847	.01803	3.54+00	398.6	1.01+05	387.3	3.50+05
670506	20217	3A	.01584	.01509	3.75+00	363.6	9.13+04	370.5	2.48+05
670506	20473	3A	.01425	.01525	3.55+00	380.9	8.69+04	386.7	2.25+05
670506	20729	3A	.01958	.01831	3.34+00	363.1	8.67+04	390.6	5.52+05
670506	20985	3A	.02001	.01850	2.85+00	382.5	7.81+04	383.0	3.66+05
670506	21241	3A	.01548	.01817	3.65+00	384.4	8.93+04	387.3	4.31+05
670506	21753	3A	.01953	.01526	3.55+00	378.5	9.75+04	384.5	3.20+05
670506	38393	3A	.01119	.01132	3.29+00	352.6	8.31+04	371.8	2.86+05
670506	39161	3A	.01278	.01260	3.16+00	355.8	6.97+04	384.4	3.54+05
670506	39417	3A	.01630	.01621	2.96+00	359.3	5.38+04	371.1	3.48+05
670506	39673	3A	.01266	.01254	2.71+00	370.5	4.58+04	373.5	2.07+05
670506	40185	3A	.01400	.01413	2.65+00	373.0	4.67+04	381.0	3.42+05
670506	40697	3A	.01515	.01516	2.85+00	387.3	4.50+04	380.5	3.00+05
670506	40953	3A	.01373	.01366	2.67+00	391.3	4.48+04	378.9	2.74+05
670507	6264	3A	.01996	.01675	6.49+00	425.8	1.08+05	442.6	4.72+05
670507	6520	3A	.01786	.01810	8.95+00	429.0	1.21+05	441.1	4.57+05
670507	7032	3A	.01829	.01851	6.19+00	417.5	1.34+05	441.4	4.40+05
670507	7268	3A	.02102	.01845	7.49+00	427.1	1.09+05	429.9	5.69+05
670507	7544	3A	.01204	.01267	6.47+00	418.5	2.17+05	454.7	4.73+05
670507	7800	3A	.01133	.01120	7.88+00	419.4	1.16+05	449.1	4.16+05
670507	8056	3A	.01381	.02930	7.95+00	419.1	1.16+05	441.0	6.60+05
670507	8312	3A	.01622	.01689	6.44+00	414.6	1.40+05	431.6	3.39+05
670507	8568	3A	.01343	.01385	7.19+00	441.0	1.63+05	454.3	4.27+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	G TEMP	A VEL	A TEMP
670427	55937	3A	.06280	.06244	2.86+00	354.9	6.08+04	351.4	1.60+05
670427	56193	3A	.05409	.05453	3.11+00	357.9	4.58+04	357.8	2.16+05
670427	56449	3A	.04894	.04876	3.54+00	351.6	6.07+04	355.9	1.82+05
670427	56961	3A	.04373	.04477	3.02+00	349.3	5.12+04	351.2	2.25+05
670427	57217	3A	.03998	.04089	3.00+00	347.2	5.00+04	350.1	1.49+05
670427	57473	3A	.04651	.04767	3.19+00	358.4	5.13+04	356.1	1.69+05
670427	57729	3A	.05316	.05449	2.95+00	358.9	6.01+04	353.0	1.76+05
670427	57985	3A	.04552	.04772	3.20+00	347.2	5.78+04	352.1	1.81+05
670427	58241	3A	.04621	.04699	3.00+00	348.4	5.78+04	350.2	1.50+05
670427	58497	3A	.04763	.04746	2.87+00	344.6	5.46+04	349.0	1.95+05
670427	58753	3A	.05848	.05698	2.84+00	346.1	5.04+04	346.4	2.54+05
670427	59009	3A	.04447	.04399	2.99+00	347.7	4.68+04	346.7	1.40+05
670428	54127	3B	.05288	.05564	2.00+00	354.8	3.08+04	336.4	2.02+05
670428	66671	3B	.01816	.01962	4.88+00	320.0	6.63+04	323.2	2.10+05
670428	81519	3B	.01181	.01171	4.31+00	325.0	5.18+04	330.4	1.38+05
670429	21743	3B	.00746	.00707	5.33+00	320.2	8.22+04	336.4	9.72+04
670429	58351	3B	.01555	.01265	8.22+00	326.4	4.81+04	324.2	2.33+05
670429	61423	3B	.01479	.01073	1.07+01	332.3	7.73+04	334.6	2.70+05
670429	72175	3B	.02110	.02286	8.30+00	333.6	4.16+04	335.8	1.99+05
670429	73199	3B	.01684	.01736	8.00+00	332.9	4.05+04	329.6	2.36+05
670430	879	3B	.03450	.03603	5.44+00	353.3	6.13+04	358.4	2.80+05
670430	3439	3B	.02799	.03140	4.99+00	346.5	9.66+04	359.9	2.99+05
670501	9854	3A	.04986	.05217	4.94+00	341.5	5.12+04	341.4	2.21+05
670501	10878	3A	.04358	.04276	4.31+00	326.6	6.90+04	338.6	1.66+05
670501	11902	3A	.04327	.04240	4.86+00	353.8	5.25+04	339.4	1.79+05
670501	12414	3A	.05132	.05060	4.31+00	353.3	4.98+04	352.6	2.25+05
670501	12926	3A	.04598	.04605	3.99+00	355.7	5.73+04	355.2	1.90+05
670501	22653	3A	.03727	.03769	4.01+00	344.0	3.09+04	345.5	1.10+05
670501	23677	3A	.03534	.03511	4.60+00	349.4	3.20+04	350.2	1.41+05
670501	24189	3A	.03508	.03542	4.67+00	345.6	3.59+04	351.0	1.40+05
670501	24701	3A	.02874	.02904	4.88+00	348.1	3.45+04	351.1	8.97+04
670501	25213	3A	.02285	.02258	4.28+00	349.6	3.30+04	350.3	1.12+05
670501	43133	3A	.03334	.03353	6.73+00	355.0	2.39+04	355.8	9.79+04
670501	50813	3A	.04829	.04554	6.15+00	355.6	6.74+04	358.0	2.49+05
670501	51837	3A	.05084	.04944	5.85+00	355.9	7.98+04	359.8	3.02+05
670501	52349	3A	.06248	.05761	5.40+00	353.5	7.54+04	356.8	3.14+05
670501	52861	3A	.05502	.05523	6.25+00	357.9	6.95+04	362.7	2.87+05
670501	53373	3A	.06004	.05079	6.28+00	356.4	9.29+04	357.3	3.16+05
670501	53885	3A	.04896	.04327	5.72+00	352.3	1.02+05	359.2	2.93+05
670501	54397	3A	.04496	.04655	5.78+00	354.6	8.68+04	359.3	2.80+05
670501	60541	3A	.05026	.04795	4.87+00	362.6	9.64+04	365.6	2.26+05
670501	62077	3A	.06148	.06348	4.97+00	360.9	1.15+05	375.8	2.78+05
670501	62589	3A	.08034	.07673	4.72+00	358.6	1.09+05	370.4	3.80+05
670501	63101	3A	.06634	.06765	5.24+00	362.7	1.05+05	373.1	2.63+05
670501	63613	3A	.08541	.08048	5.02+00	360.1	1.03+05	369.1	3.39+05
670501	64125	3A	.07373	.07224	5.25+00	365.6	1.12+05	373.8	3.01+05
670501	72629	3A	.03995	.11239	1.41+01	500.5	3.99+05	534.8	8.95+05
670501	73853	3A	.03247	.04127	1.49+01	478.7	4.41+05	528.7	6.41+05
670501	74365	3A	.03125	.07644	1.43+01	485.0	3.95+05	523.0	7.16+05
670501	74877	3A	.03606	.09361	1.42+01	499.4	4.14+05	535.7	8.87+05
670501	75389	3A	.03542	.08482	1.46+01	490.2	4.11+05	528.1	7.24+05
670501	75645	3A	.12877	.20622	7.89+02	461.8	9.46+05	520.6	8.04+05
670501	76413	3A	.03673	.04463	1.58+01	493.6	3.85+05	529.5	6.89+05
670501	85117	3A	.07423	.07826	1.82+01	503.2	2.92+05	512.4	6.76+05
670501	86141	3A	.07428	.07573	1.55+01	502.6	2.39+05	511.9	7.13+05
670502	253	3A	.06714	.06068	1.58+01	505.9	2.41+05	514.5	7.41+05
670502	765	3A	.06742	.07062	1.78+01	501.8	2.66+05	514.5	7.28+05
670502	1277	3A	.07436	.07444	1.62+01	500.6	2.70+05	511.5	7.17+05
670502	1789	3A	.06323	.06469	1.76+01	496.9	2.68+05	511.7	7.27+05
670502	2301	3A	.05809	.05926	1.84+01	494.5	2.68+05	508.9	6.96+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670423	23685	3A	.03454	.03458	1.16+01	348.5	3.21+04	347.1	6.03+04
670423	24197	3A	.03014	.03009	1.23+01	346.1	3.28+04	347.3	4.80+04
670423	25733	3A	.03362	.03343	1.38+01	354.4	3.28+04	353.9	7.49+04
670423	28245	3A	.02498	.02494	1.11+01	355.4	3.28+04	354.9	9.24+04
670423	53742	3R	.03710	.11441	2.06+01	374.3	1.83+05	394.1	6.12+05
670424	23918	3B	.04723	.05015	4.77+00	680.2	3.01+05	719.8	1.44+06
670425	21742	3B	.05571	.05557	1.39+00	638.4	1.72+05	648.5	1.26+06
670425	37614	3B	.05133	.05003	1.30+00	582.6	1.29+05	601.0	7.02+05
670426	48898	3A	.04976	.04898	2.56+00	414.0	1.22+05	428.9	3.18+05
670426	61441	3A	.05964	.05955	1.83+00	421.6	4.47+04	418.2	2.70+05
670426	62209	3A	.07213	.07191	1.85+00	418.4	4.80+04	421.7	2.27+05
670426	62465	3A	.07116	.06926	2.00+00	417.8	4.69+04	415.1	2.29+05
670426	62721	3A	.07109	.07096	1.99+00	416.3	4.80+04	418.1	1.94+05
670426	62977	3A	.07175	.07018	1.85+00	419.2	5.04+04	423.2	2.25+05
670426	63233	3A	.08199	.08128	1.77+00	416.2	5.64+04	417.8	2.69+05
670426	63745	3A	.05980	.05993	2.09+00	410.7	5.62+04	414.0	1.83+05
670426	64001	3A	.04533	.04551	2.48+00	412.3	5.23+04	415.3	2.35+05
670426	64257	3A	.08947	.08325	1.88+00	411.8	5.83+04	414.0	3.12+05
670426	64513	3A	.06770	.06758	2.16+00	412.8	4.67+04	415.3	1.88+05
670426	64769	3A	.06724	.06781	1.94+00	412.6	5.43+04	416.9	2.49+05
670426	65025	3A	.06069	.05919	1.97+00	414.7	5.24+04	412.0	2.71+05
670426	65281	3A	.08706	.08675	1.90+00	408.6	5.67+04	412.5	1.88+05
670426	75777	3A	.06101	.06095	1.51+00	411.6	7.73+04	408.3	2.08+05
670426	76801	3A	.05767	.05695	1.93+00	413.6	7.81+04	412.3	3.45+05
670426	77057	3A	.07485	.07327	1.48+00	414.7	7.22+04	410.2	2.43+05
670426	77569	3A	.07048	.07081	2.24+00	407.1	6.97+04	416.8	2.38+05
670426	77825	3A	.05315	.05295	2.16+00	408.4	5.98+04	415.9	2.38+05
670426	78081	3A	.07661	.07600	1.60+00	404.6	6.05+04	409.3	3.08+05
670426	78849	3A	.05815	.05860	1.75+00	408.5	5.98+04	408.6	2.81+05
670426	79105	3A	.06407	.06524	1.82+00	408.5	6.71+04	407.3	2.55+05
670426	79361	3A	.07299	.07328	1.53+00	407.6	6.72+04	410.7	2.62+05
670426	79617	3A	.06594	.06345	1.59+00	411.0	6.03+04	407.9	2.94+05
670427	4225	3A	.03772	.03830	1.18+00	387.2	1.97+05	401.8	3.45+05
670427	4993	3A	.04459	.03825	2.16+00	395.2	5.86+04	388.0	2.71+05
670427	5249	3A	.04009	.04151	2.14+00	391.9	5.20+04	395.5	2.01+05
670427	5505	3A	.05260	.05188	1.91+00	391.9	5.79+04	387.3	2.53+05
670427	5761	3A	.05145	.04662	2.07+00	389.4	5.94+04	390.4	2.84+05
670427	6017	3A	.04373	.04539	2.34+00	395.3	4.99+04	396.6	1.80+05
670427	6273	3A	.04038	.04120	2.25+00	393.7	6.13+04	397.1	2.07+05
670427	6529	3A	.04656	.04602	1.96+00	397.0	4.80+04	397.4	2.14+05
670427	11137	3A	.04126	.04131	2.33+00	393.6	5.20+04	391.1	2.02+05
670427	11393	3A	.04351	.04391	2.47+00	395.9	5.01+04	399.8	2.42+05
670427	22145	3A	.07977	.07528	2.22+00	362.2	6.07+04	364.3	3.80+05
670427	22401	3A	.06090	.06099	2.41+00	366.3	5.95+04	368.7	2.95+05
670427	22657	3A	.06476	.06336	2.16+00	368.8	5.96+04	370.2	2.75+05
670427	22913	3A	.05643	.05717	2.22+00	370.6	6.00+04	372.8	1.98+05
670427	23169	3A	.02678	.02672	2.00+00	356.9	6.90+04	362.0	1.69+05
670427	23425	3A	.06972	.06916	2.16+00	353.0	3.62+04	363.8	3.06+05
670427	24193	3A	.07081	.06698	2.11+00	363.5	5.62+04	381.7	2.80+05
670427	24705	3A	.06707	.06973	2.57+00	356.8	6.11+04	350.2	2.17+05
670427	34433	3A	.05502	.05467	2.68+00	363.4	5.17+04	366.8	2.33+05
670427	34689	3A	.04582	.04522	3.18+00	363.9	6.89+04	367.0	2.33+05
670427	35457	3A	.04630	.04590	3.01+00	378.8	4.03+04	369.3	1.94+05
670427	35713	3A	.05121	.05103	2.96+00	377.7	4.27+04	373.5	2.11+05
670427	35969	3A	.04107	.04093	2.90+00	376.5	4.86+04	377.5	1.68+05
670427	36225	3A	.03607	.03617	3.16+00	380.7	4.62+04	376.1	1.99+05
670427	36481	3A	.04266	.04242	2.68+00	378.0	4.41+04	373.0	2.07+05
670427	36737	3A	.03759	.03709	3.33+00	378.4	4.74+04	371.9	2.30+05
670427	36993	3A	.03696	.03673	3.16+00	377.1	4.83+04	374.7	1.82+05
670427	37249	3A	.03484	.03477	3.43+00	377.8	5.16+04	375.1	1.97+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670420	44725	3B	.03647	.03468	3.84+00	378.5	8.61+04	384.8	3.31+05
670420	49261	3B	.03611	.03577	4.03+00	378.2	9.23+04	388.1	2.68+05
670420	49773	3B	.03248	.03433	3.63+00	374.3	8.55+04	384.0	2.58+05
670420	50265	3B	.03619	.03583	3.80+00	390.9	6.93+04	391.2	3.17+05
670421	72070	3A	.03749	.04168	4.79+00	368.6	1.63+05	387.0	3.67+05
670421	72326	3A	.03921	.04650	3.68+00	361.4	1.16+05	374.4	3.35+05
670421	72582	3A	.04209	.04582	3.59+00	363.0	1.21+05	376.6	3.39+05
670421	83334	3A	.05147	.05069	4.56+00	347.3	8.94+04	356.9	2.43+05
670421	85636	3A	.05454	.05176	3.68+00	387.6	8.12+04	387.2	3.35+05
670421	85894	3A	.05989	.05650	3.26+00	375.6	6.27+04	372.4	3.09+05
670421	86150	3A	.06210	.05931	3.12+00	379.5	5.50+04	372.6	2.70+05
670422	6	3A	.07278	.07273	3.32+00	374.4	6.90+04	380.8	2.50+05
670422	262	3A	.04081	.04060	3.56+00	371.3	6.50+04	373.6	2.18+05
670422	518	3A	.05634	.05654	3.24+00	370.4	6.31+04	368.0	2.31+05
670422	8966	3A	.05460	.05492	4.82+00	395.9	7.56+04	401.8	3.24+05
670422	9222	3A	.05312	.05449	4.99+00	394.6	7.75+04	397.7	2.71+05
670422	9990	3A	.05710	.05767	5.03+00	392.8	6.90+04	396.8	2.59+05
670422	10246	3A	.05503	.05183	5.16+00	390.3	7.92+04	389.8	4.03+05
670422	10502	3A	.05033	.05075	5.67+00	368.3	8.21+04	396.0	3.69+05
670422	10756	3A	.05850	.04858	3.83+00	390.5	6.66+04	389.8	4.18+05
670422	11014	3A	.06337	.05956	3.90+00	391.4	6.77+04	393.1	4.12+05
670422	11270	3A	.04938	.04975	4.34+00	379.6	6.32+04	383.3	3.10+05
670422	11526	3A	.06740	.06482	3.22+00	369.6	5.79+04	390.9	3.23+05
670422	11762	3A	.04859	.04873	3.13+00	390.3	5.59+04	398.5	2.81+05
670422	12038	3A	.04530	.04458	3.34+00	387.6	5.79+04	393.9	3.55+05
670422	12294	3A	.04553	.04607	3.79+00	391.0	5.92+04	393.9	2.51+05
670422	12550	3A	.04971	.05123	3.58+00	366.6	5.59+04	390.6	2.72+05
670422	12606	3A	.05795	.05517	3.42+00	366.7	5.63+04	390.4	2.94+05
670422	20465	3A	.04931	.05033	6.59+00	376.5	7.13+04	382.0	2.54+05
670422	20741	3A	.04581	.04625	6.04+00	376.1	6.66+04	380.3	2.77+05
670422	21509	3A	.06285	.06294	7.77+00	380.6	6.96+04	381.8	3.29+05
670422	21765	3A	.05290	.05272	7.84+00	378.9	5.78+04	376.3	2.68+05
670422	22021	3A	.05476	.05148	6.50+00	392.6	7.40+04	389.9	4.35+05
670422	22277	3A	.06529	.06333	6.26+00	377.7	7.24+04	380.3	3.26+05
670422	22533	3A	.05742	.05487	6.60+00	383.9	6.97+04	385.4	2.70+05
670422	22789	3A	.05530	.05339	6.59+00	386.0	9.25+04	385.4	3.00+05
670422	23045	3A	.04405	.04256	7.19+00	380.7	9.26+04	385.2	3.82+05
670422	23301	3A	.03560	.03168	7.91+00	383.6	7.87+04	378.4	3.71+05
670422	23557	3A	.04413	.03854	6.03+00	383.6	8.86+04	391.6	3.19+05
670422	23813	3A	.04900	.04992	7.12+00	392.0	8.53+04	392.8	3.23+05
670422	32005	3A	.04903	.04940	8.40+00	382.7	5.83+04	382.1	2.22+05
670422	32261	3A	.05920	.05670	8.55+00	370.4	7.12+04	383.6	4.08+05
670422	32517	3A	.04931	.04464	7.58+00	387.6	7.80+04	363.4	3.15+05
670422	33029	3A	.06236	.06194	1.04+01	386.2	5.74+04	385.4	1.78+05
670422	33285	3A	.05955	.05962	9.79+00	387.7	6.60+04	388.7	2.03+05
670422	33541	3A	.06735	.06543	1.10+01	384.6	6.43+04	385.0	2.03+05
670422	33797	3A	.04927	.04859	8.67+00	373.2	5.72+04	370.4	3.10+05
670422	34309	3A	.06332	.06060	9.01+00	375.3	7.00+04	382.6	2.71+05
670422	34565	3A	.07807	.07683	5.80+00	374.5	5.93+04	388.5	2.79+05
670422	34821	3A	.05833	.05725	8.11+00	383.6	6.04+04	383.2	2.72+05
670422	35077	3A	.05630	.05747	1.00+01	384.5	7.09+04	393.3	2.01+05
670422	35589	3A	.04984	.04900	1.17+01	383.7	5.89+04	388.7	2.13+05
670422	35845	3A	.04789	.04711	1.00+01	378.9	5.46+04	374.4	2.03+05
670422	43525	3A	.03746	.03741	1.07+01	371.0	3.63+04	375.1	9.99+04
670422	44293	3A	.02869	.02667	1.00+01	379.7	3.13+04	381.4	1.17+05
670422	44865	3A	.03946	.03936	9.32+00	376.4	3.32+04	377.4	1.20+05
670422	45573	3A	.01102	.01100	1.25+01	374.3	3.29+04	378.7	1.56+05
670422	45829	3A	.02361	.02359	1.45+01	373.1	3.99+04	373.6	1.04+05
670422	46597	3A	.03277	.03275	1.22+01	369.6	3.17+04	372.8	9.92+04
670423	8837	3A	.02149	.02157	4.73+00	325.3	1.66+04	339.8	1.64+05

DATE	TIME	RD	APR1	APR2	DENSITY	P AVL.	P TEMP	A VEL.	A TEMP
670417	12682	3A	.03175	.03217	1.19+01	354.2	3.98+04	355.8	1.59+05
670417	12938	3A	.03545	.03624	1.26+01	343.4	5.05+04	334.9	1.83+05
670417	13450	3A	.03167	.03142	1.27+01	336.7	5.11+04	332.4	1.27+05
670417	14218	3A	.04548	.04516	1.11+01	334.7	4.15+04	333.4	9.93+04
670417	14474	3A	.04163	.04193	1.17+01	332.6	4.32+04	333.7	1.02+05
670417	14730	3A	.04145	.04152	1.29+01	335.2	4.39+04	336.6	1.01+05
670417	14966	3A	.03811	.03796	1.31+01	335.9	4.28+04	336.3	1.18+05
670417	15498	3A	.03871	.03809	1.28+01	333.6	4.35+04	331.3	1.01+05
670417	15754	3A	.03685	.03658	1.19+01	333.5	4.43+04	329.8	1.14+05
670417	16010	3A	.03908	.03850	1.16+01	334.4	4.46+04	330.8	1.02+05
670417	16522	3A	.02951	.03035	1.53+01	329.4	4.78+04	331.3	9.74+04
670417	16776	3A	.03600	.03760	1.33+01	330.6	4.40+04	329.0	9.46+04
670417	17034	3A	.03842	.03968	1.27+01	329.6	4.18+04	326.6	6.91+04
670417	17546	3A	.03983	.03944	1.17+01	325.5	4.57+04	322.4	1.16+05
670417	17602	3A	.03241	.03270	1.26+01	326.0	4.74+04	323.9	6.51+04
670417	18314	3A	.03071	.03063	1.49+01	319.0	5.78+04	320.9	1.00+05
670417	18570	3A	.02882	.02871	1.35+01	336.2	4.84+04	332.8	1.10+05
670417	19082	3A	.02946	.03081	1.07+01	326.8	4.34+04	320.8	1.19+05
670417	19338	3A	.02830	.03002	1.10+01	327.1	4.83+04	323.8	1.23+05
670417	19594	3A	.04896	.04874	1.37+01	326.1	4.17+04	326.8	1.61+05
670417	20362	3A	.03416	.03497	1.20+01	325.5	4.50+04	324.2	1.01+05
670417	20618	3A	.03500	.03508	1.13+01	323.6	3.86+04	324.2	1.35+05
670417	20874	3A	.04788	.04978	1.14+01	323.3	4.75+04	316.5	1.19+05
670417	21130	3A	.02447	.02507	8.06+00	318.9	4.09+04	320.2	1.27+05
670417	39050	3A	.02140	.02358	7.66+00	321.7	1.10+05	347.0	2.75+05
670417	40330	3A	.02199	.01733	6.84+00	331.5	9.75+04	339.9	3.17+05
670417	41098	3A	.02249	.02457	6.46+00	338.7	9.29+04	348.7	3.30+05
670417	41354	3A	.02236	.02255	5.62+00	349.2	8.21+04	356.7	3.11+05
670417	41610	3A	.01988	.01733	5.26+00	342.1	8.99+04	345.9	2.89+05
670417	41866	3A	.03040	.02995	5.49+00	339.7	7.16+04	342.6	3.41+05
670417	42122	3A	.02475	.01631	5.76+00	344.2	7.97+04	346.3	2.93+05
670417	42376	3A	.02097	.02118	6.46+00	345.7	9.66+04	354.0	2.92+05
670417	42634	3A	.02094	.02239	5.61+00	339.9	7.52+04	347.8	2.44+05
670418	5897	3A	.02138	.01678	5.61+00	309.5	4.50+04	307.5	2.99+05
670418	6153	3A	.02222	.01759	5.35+00	307.3	4.83+04	308.0	2.81+05
670418	6409	3A	.01787	.01728	5.66+00	305.1	5.31+04	305.2	2.20+05
670418	7177	3A	.01333	.01531	4.89+00	305.8	6.92+04	320.9	2.03+05
670418	7433	3A	.01329	.01466	4.87+00	298.9	8.57+04	316.6	2.83+05
670418	7669	3A	.01493	.01600	5.82+00	305.6	6.90+04	315.9	1.87+05
670418	7845	3A	.01297	.01515	4.98+00	306.2	8.79+04	316.7	2.14+05
670418	8201	3A	.01063	.01104	5.36+00	307.1	8.63+04	319.4	2.42+05
670418	8457	3A	.01670	.01661	5.09+00	309.7	5.40+04	315.2	1.87+05
670418	8713	3A	.02222	.02274	4.95+00	317.5	4.16+04	318.8	2.06+05
670418	8960	3A	.01704	.01711	4.44+00	311.1	4.96+04	314.0	1.80+05
670418	9225	3A	.02257	.02302	4.77+00	313.2	4.16+04	318.4	2.13+05
670418	9481	3A	.01098	.01944	4.48+00	314.0	4.12+04	320.6	1.73+05
670418	9737	3A	.01945	.02043	4.40+00	311.1	4.43+04	313.4	1.67+05
670418	24329	3A	.01393	.01652	5.44+00	332.3	1.37+05	362.5	2.67+05
670418	24841	3A	.02474	.05645	4.98+00	333.1	1.22+05	362.7	4.43+05
670418	25353	3A	.02069	.01975	5.09+00	340.9	1.04+05	358.8	2.94+05
670418	25609	3A	.01613	.01798	5.03+00	340.8	1.04+05	362.5	2.40+05
670419	31981	3B	.05727	.05874	3.34+00	370.6	5.24+04	365.0	1.15+05
670419	32237	3B	.06119	.05922	4.07+00	371.4	4.01+04	366.0	1.44+05
670419	33005	3B	.04905	.04908	4.20+00	370.5	3.56+04	366.0	8.90+04
670419	70693	3B	.03966	.04241	2.77+00	429.3	1.82+05	462.2	5.07+05
670419	71693	3B	.03617	.03467	2.70+00	476.7	1.36+05	480.5	4.44+05
670420	2669	3B	.03046	.03271	2.65+00	412.9	1.49+05	461.3	5.52+05
670420	3949	3B	.03023	.03025	2.67+00	449.3	2.10+05	474.0	5.01+05
670420	21869	3B	.03757	.03733	3.93+00	412.2	5.82+04	420.8	2.62+05
670420	35949	3B	.05344	.05153	3.69+00	415.6	5.76+04	424.7	5.02+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670412	33294	3A	.07974	.08037	6.12+00	266.5	4.44+04	298.7	1.12+06
670412	34574	3A	.06711	.06713	3.87+00	380.0	2.82+04	293.9	4.77+04
670412	57102	3A	.06019	.05989	4.00+00	283.9	2.52+04	276.4	4.81+04
670412	57870	3A	.07034	.06943	4.11+00	270.4	2.20+04	286.9	6.40+04
670412	58126	3A	.05284	.05226	4.23+00	265.2	2.83+04	271.3	2.73+04
670412	72974	3A	.05341	.05301	5.09+00	273.5	2.08+04	268.9	4.67+04
670412	73230	3A	.08943	.08934	5.27+00	274.4	1.92+04	273.2	4.25+04
670412	75278	3A	.07298	.06929	5.23+00	274.7	1.97+04	271.5	6.18+04
670412	75790	3A	.07435	.07196	4.97+00	273.4	2.11+04	270.7	4.31+04
670413	4750	3A	.04824	.04804	4.66+00	265.2	1.72+04	267.1	3.33+04
670413	85116	3A	.05235	.05247	4.65+00	266.9	1.34+04	267.3	5.56+04
670413	13965	3A	.03374	.03354	5.29+00	256.9	2.10+04	257.9	3.72+04
670413	15245	3A	.03302	.03263	5.12+00	259.2	2.07+04	256.1	6.15+04
670413	15501	3A	.03329	.03354	4.69+00	257.7	2.21+04	256.6	4.26+04
670413	16269	3A	.02389	.02417	4.18+00	248.9	2.78+04	248.6	4.77+04
670413	16525	3A	.02901	.02912	4.68+00	250.5	2.13+04	255.1	6.61+04
670413	25485	3A	.01672	.01674	4.79+00	258.8	1.47+04	265.7	6.08+04
670413	47501	3A	.09207	.09167	5.57+00	253.0	1.74+04	255.1	4.33+04
670413	68493	3A	.05290	.05277	5.42+00	247.2	1.15+04	251.2	3.92+04
670414	57196	3B	.06020	.06011	1.09+01	265.6	1.65+04	267.4	2.76+04
670414	58746	3B	.04425	.04429	1.09+01	262.6	1.75+04	264.3	3.61+04
670414	81516	3B	.01617	.01608	8.48+00	265.5	2.89+04	264.7	4.33+04
670415	10732	3B	.01308	.01159	6.77+00	270.3	2.46+04	268.1	6.65+04
670415	23788	3B	.01883	.01816	6.71+00	258.8	2.13+04	255.3	3.09+04
670415	34540	3B	.01063	.01179	9.00+00	270.9	4.00+04	270.6	7.60+04
670415	35052	3B	.01230	.01232	8.75+00	267.5	3.87+04	269.1	4.65+04
670415	70380	3B	.00632	.00603	8.99+00	322.4	7.64+04	322.6	1.11+05
670415	70892	3B	.00354	.00321	8.92+00	328.5	7.39+04	336.3	1.00+05
670415	71660	3B	.00472	.00363	8.82+00	336.7	4.86+04	338.3	2.34+05
670415	81900	3B	.00490	.00484	1.02+01	319.0	5.45+04	328.3	1.57+05
670415	82924	3B	.00842	.00767	9.14+00	324.1	4.48+04	327.4	1.56+05
670415	85996	3B	.00305	.00293	8.72+00	330.7	5.27+04	341.7	1.10+05
670416	8044	3B	.00367	.00248	8.37+00	313.9	5.18+04	311.4	1.10+05
670416	11116	3B	.00321	.00315	9.06+00	311.2	6.19+04	318.8	1.66+05
670416	11372	3B	.00311	.00266	8.65+00	313.5	5.70+04	318.8	8.06+04
670416	11628	3B	.00300	.00270	8.70+00	314.2	6.20+04	325.5	1.67+05
670416	11884	3B	.00395	.00730	8.32+00	314.1	5.90+04	308.2	1.23+05
670416	83722	3A	.01446	.04119	5.64+00	363.2	1.04+05	378.9	4.20+05
670416	83978	3A	.02105	.02155	5.10+00	365.0	1.00+05	373.8	4.08+05
670416	84234	3A	.01194	.01366	5.78+00	356.5	9.04+04	362.7	2.71+05
670416	84746	3A	.02036	.01713	6.24+00	359.4	8.81+04	368.7	2.93+05
670416	85002	3A	.02719	.02551	5.76+00	357.4	8.28+04	364.4	3.09+05
670416	85258	3A	.02192	.02507	6.67+00	360.4	9.06+04	371.7	3.13+05
670416	85770	3A	.02506	.02683	7.00+00	363.2	6.61+04	371.5	3.61+05
670416	86026	3A	.01875	.02573	6.39+00	365.3	9.88+04	374.6	2.94+05
670416	86282	3A	.01599	.01981	7.01+00	363.9	1.05+05	384.7	3.46+05
670417	138	3A	.02896	.02994	7.23+00	361.1	9.19+04	370.2	2.71+05
670417	394	3A	.02721	.03025	6.78+00	361.4	8.85+04	372.3	3.34+05
670417	650	3A	.02859	.03153	6.39+00	360.3	8.50+04	369.1	3.15+05
670417	9098	3A	.03303	.03441	8.02+00	349.5	5.34+04	347.0	2.59+05
670417	9354	3A	.03861	.04062	9.33+00	344.7	6.14+04	342.5	2.45+05
670417	10122	3A	.02890	.02993	1.06+01	341.8	6.03+04	338.2	2.42+05
670417	10378	3A	.03088	.02833	1.00+01	348.9	5.76+04	348.2	2.38+05
670417	10634	3A	.03174	.02808	1.06+01	352.3	5.06+04	345.7	2.45+05
670417	10890	3A	.03570	.03237	1.06+01	364.4	4.00+04	354.0	2.84+05
670417	11148	3A	.03111	.03051	1.12+01	362.0	3.93+04	363.8	1.46+05
670417	11658	3A	.03162	.03149	1.29+01	364.5	3.80+04	367.1	1.08+05
670417	11914	3A	.03532	.03442	1.07+01	366.5	4.80+04	365.1	1.47+05
670417	12170	3A	.02294	.02272	1.26+01	364.0	4.43+04	365.4	1.43+05
670417	12426	3A	.03194	.03101	1.19+01	358.6	3.76+04	360.8	1.64+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670407	54930	3A	.05503	.05511	3.99+00	410.4	1.07+05	419.1	3.22+05
670407	55186	3A	.04972	.05385	3.62+00	402.9	1.44+05	426.5	3.42+05
670407	55442	3A	.06123	.06087	3.68+00	431.7	9.77+04	426.8	3.13+05
670407	55698	3A	.05350	.05265	4.05+00	432.7	9.25+04	431.5	3.68+05
670407	55954	3A	.04870	.05447	4.23+00	406.6	1.30+05	423.1	5.25+05
670407	56466	3A	.04563	.05732	4.07+00	398.7	1.36+05	414.3	3.20+05
670407	56722	3A	.05097	.05493	5.29+00	409.1	1.14+05	411.1	3.96+05
670407	57490	3A	.02118	.02088	5.01+00	398.1	1.30+05	413.8	2.83+05
670407	57746	3A	.05163	.05643	5.61+00	402.0	1.31+05	425.0	4.46+05
670407	58002	3A	.06081	.06832	4.32+00	402.2	1.22+05	422.6	3.76+05
670407	58258	3A	.05837	.06244	4.00+00	405.0	1.19+05	425.9	4.30+05
670407	58514	3A	.04954	.05611	4.17+00	401.4	1.27+05	420.1	3.50+05
670407	58770	3A	.06265	.06475	3.95+00	404.3	1.20+05	419.4	4.14+05
670407	59026	3A	.05601	.05934	4.10+00	406.0	1.13+05	421.1	3.40+05
670407	59282	3A	.06994	.06416	3.18+00	411.9	9.99+04	420.6	4.26+05
670407	59794	3A	.05434	.05930	3.92+00	402.8	1.17+05	421.3	3.90+05
670407	60050	3A	.06309	.06389	3.60+00	408.1	9.48+04	419.5	3.98+05
670407	60306	3A	.05525	.05872	4.05+00	404.7	1.26+05	422.1	3.78+05
670407	61330	3A	.06051	.06554	3.84+00	403.7	1.21+05	419.5	3.63+05
670407	70290	3A	.04893	.05034	4.26+00	411.8	1.11+05	412.6	3.63+05
670407	70546	3A	.05339	.05278	4.21+00	414.3	1.07+05	417.8	4.09+05
670407	71314	3A	.05901	.06077	4.17+00	416.0	9.72+04	420.9	3.13+05
670407	71570	3A	.05604	.05069	4.05+00	418.2	1.08+05	416.5	3.65+05
670407	71826	3A	.05587	.05242	4.15+00	418.6	9.93+04	420.2	3.31+05
670407	72082	3A	.05750	.06014	3.68+00	419.9	9.85+04	424.0	3.43+05
670407	72338	3A	.05104	.05301	3.72+00	425.6	1.05+05	420.8	2.84+05
670407	72594	3A	.05436	.05604	4.16+00	422.9	1.04+05	420.3	3.76+05
670407	72850	3A	.05328	.05553	4.02+00	409.7	1.10+05	419.3	3.23+05
670407	73106	3A	.04385	.04554	4.86+00	418.3	1.12+05	419.7	3.31+05
670407	73618	3A	.06735	.06837	3.87+00	414.0	1.02+05	413.8	4.05+05
670407	73874	3A	.05747	.05930	4.21+00	405.3	1.08+05	416.1	3.00+05
670408	12306	3A	.04993	.05030	3.68+00	400.9	1.02+05	418.7	3.63+05
670408	12562	3A	.04905	.04906	3.85+00	408.0	9.27+04	417.8	3.67+05
670408	13330	3A	.04806	.04786	3.83+00	393.5	1.04+05	416.0	3.58+05
670408	13586	3A	.03737	.03687	3.87+00	395.5	1.01+05	415.9	4.10+05
670408	13842	3A	.05208	.05130	3.44+00	411.9	9.68+04	413.3	3.13+05
670408	14098	3A	.05099	.05099	3.30+00	402.2	9.13+04	414.1	3.36+05
670408	14354	3A	.05240	.05370	3.56+00	404.5	1.00+05	420.0	3.06+05
670408	14610	3A	.05752	.06026	3.38+00	398.0	1.17+05	420.4	3.31+05
670408	15690	3A	.05087	.05085	3.04+00	387.4	7.00+04	413.7	2.97+05
670408	35346	3A	.06184	.06773	2.82+00	377.0	7.80+04	394.8	4.56+05
670408	37138	3A	.09543	.10903	1.61+00	389.8	1.11+05	392.8	2.23+05
670408	40425	3A	.07018	.07414	2.35+00	374.1	5.80+04	365.0	3.44+05
670408	80401	3A	.06442	.06918	2.82+00	351.1	8.88+04	382.0	2.81+05
670408	81425	3A	.04555	.04658	3.31+00	358.0	7.91+04	380.3	2.86+05
670408	81937	3A	.08374	.08447	1.87+00	389.2	3.78+04	372.7	2.75+05
670409	72171	3B	.03293	.03487	4.25+00	300.4	4.61+04	316.2	1.70+05
670410	4459	3B	.05753	.06085	5.32+00	323.6	8.27+04	333.0	2.21+05
670410	13163	3B	.05923	.06195	4.27+00	319.1	7.08+04	325.8	1.66+05
670410	16747	3B	.05933	.05813	4.47+00	341.7	5.37+04	344.8	2.06+05
670410	27499	3B	.04097	.03930	5.59+00	349.0	2.83+04	346.2	1.67+05
670410	43371	3B	.06194	.06164	5.43+00	341.2	2.48+04	343.1	6.56+04
670410	44651	3B	.02324	.02292	4.75+00	341.7	2.88+04	333.4	1.49+05
670410	61291	3B	.01681	.01649	3.86+00	328.2	2.30+04	327.5	1.35+05
670410	61547	3B	.01981	.01770	3.07+00	329.7	2.52+04	321.1	2.06+05
670410	62315	3B	.01711	.01687	3.50+00	328.2	2.45+04	328.0	1.40+05
670410	71563	3B	.04477	.04487	5.88+00	329.2	2.95+04	327.3	7.29+04
670410	72555	3B	.03395	.03384	4.75+00	317.8	2.11+04	318.1	7.58+04
670411	39147	3B	.05352	.06454	3.63+00	300.0	6.94+04	309.8	1.96+05
670412	32014	3A	.07096	.07204	3.48+00	271.5	3.68+04	288.6	5.38+04

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670403	78229	3A	.04327	.05132	4.14+00	408.6	1.55+05	438.6	5.40+05
670403	78741	3A	.03851	.04142	5.58+00	404.3	1.44+05	428.7	5.01+05
670404	789	3A	.05633	.05697	5.42+00	423.6	1.18+05	431.5	5.33+05
670404	1557	3A	.04762	.05021	6.08+00	418.5	1.54+05	435.7	4.47+05
670404	1813	3A	.04012	.04394	6.70+00	404.1	1.32+05	423.0	3.66+05
670404	2069	3A	.06573	.06489	5.38+00	420.2	1.52+05	426.0	4.76+05
670404	2325	3A	.05104	.05173	5.48+00	422.2	1.38+05	432.8	5.23+05
670404	2581	3A	.05197	.05432	5.81+00	418.6	1.40+05	435.9	4.80+05
670404	2637	3A	.05903	.05250	6.03+00	418.8	1.38+05	434.6	5.41+05
670404	3093	3A	.05592	.05848	5.99+00	418.5	1.44+05	434.3	5.16+05
670404	3349	3A	.05168	.05328	6.18+00	418.4	1.44+05	431.3	4.75+05
670404	3605	3A	.05069	.05465	5.49+00	425.2	1.33+05	437.5	3.81+05
670404	3861	3A	.04783	.04967	6.34+00	422.1	1.34+05	435.9	4.73+05
670404	4117	3A	.04504	.04690	6.83+00	420.3	1.46+05	438.4	4.82+05
670404	4373	3A	.04819	.04175	6.81+00	410.1	1.71+05	428.3	5.03+05
670404	4629	3A	.05495	.05901	5.93+00	416.5	1.49+05	434.8	4.64+05
670404	4885	3A	.05986	.05261	5.88+00	417.9	1.37+05	431.4	5.07+05
670404	5141	3A	.05723	.05906	6.14+00	425.4	1.32+05	435.9	4.27+05
670404	5397	3A	.05643	.05007	6.67+00	424.5	1.31+05	434.2	5.11+05
670404	5653	3A	.05255	.05341	6.25+00	420.3	1.40+05	434.9	4.78+05
670404	5909	3A	.05549	.04946	6.10+00	424.1	1.29+05	433.8	5.12+05
670404	6165	3A	.05232	.04659	6.58+00	432.2	1.16+05	435.8	5.03+05
670404	6421	3A	.04782	.04409	6.27+00	415.8	1.56+05	435.3	5.32+05
670404	6677	3A	.04838	.04700	4.95+00	408.1	1.22+05	425.5	4.37+05
670404	6933	3A	.04291	.03839	5.48+00	415.2	1.06+05	432.8	4.57+05
670404	7189	3A	.04132	.04256	5.24+00	410.9	1.13+05	433.4	4.31+05
670404	7445	3A	.04759	.03954	4.97+00	415.0	1.08+05	427.6	5.88+05
670404	7701	3A	.04919	.04323	5.64+00	413.5	1.43+05	434.3	5.78+05
670404	8213	3A	.03991	.04742	5.45+00	398.4	1.55+05	428.9	4.10+05
670404	8469	3A	.04170	.04510	5.15+00	410.2	1.36+05	428.8	4.14+05
670404	10261	3A	.04991	.05245	4.77+00	390.0	1.66+05	408.3	4.66+05
670404	14869	3A	.02352	.06373	1.46+01	492.9	2.95+05	538.0	6.31+05
670404	16917	3A	.02724	.06551	1.61+01	497.3	4.46+05	545.6	7.70+05
670404	17685	3A	.02450	.06160	1.54+01	498.3	4.31+05	552.6	1.10+06
670404	18453	3A	.01459	.07924	1.40+01	506.4	4.56+05	582.3	1.12+06
670404	18709	3A	.02398	.06016	1.27+01	502.9	4.50+05	548.9	7.64+05
670404	18965	3A	.02535	.10580	1.34+01	506.3	4.44+05	565.0	1.12+06
670404	19221	3A	.01683	.09313	1.28+01	505.3	4.99+05	590.1	9.27+05
670404	19989	3A	.02830	.07288	1.24+01	522.0	5.86+05	582.0	1.24+06
670404	20245	3A	.02033	.10469	1.18+01	503.8	5.03+05	569.8	1.14+06
670404	20501	3A	.02610	.07052	1.21+01	509.6	4.74+05	555.3	1.05+06
670404	20757	3A	.02459	.02680	1.27+01	508.3	4.79+05	568.4	7.44+05
670404	21013	3A	.02185	.07420	1.20+01	510.2	5.14+05	559.0	9.72+05
670405	23018	3B	.05960	.05730	2.39+00	555.1	1.44+05	584.7	6.70+05
670405	23274	3B	.07493	.07709	1.91+00	555.1	1.38+05	578.7	7.21+05
670405	73962	3B	.04443	.04634	2.04+00	467.4	1.36+05	487.7	3.87+05
670405	76522	3B	.06130	.05867	2.67+00	484.4	1.40+05	517.7	7.46+05
670405	81898	3B	.05038	.04802	2.93+00	490.7	1.25+05	519.1	6.66+05
670405	82154	3B	.04096	.03691	2.88+00	499.6	1.24+05	504.8	6.46+05
670405	83434	3B	.04685	.04794	2.72+00	484.6	1.35+05	510.6	6.84+05
670405	83946	3B	.04590	.04717	2.78+00	477.8	1.09+05	510.4	6.80+05
670406	17002	3B	.04904	.05014	3.86+00	466.3	1.18+05	478.7	4.07+05
670406	26474	3B	.05556	.05339	3.11+00	459.8	1.11+05	486.7	4.38+05
670407	49042	3A	.06124	.06032	3.66+00	416.8	6.94+04	415.8	4.12+05
670407	52626	3A	.09692	.09081	2.44+00	383.3	8.45+04	404.5	5.05+05
670407	52882	3A	.03910	.04976	2.71+00	384.0	9.83+04	399.1	3.72+05
670407	53650	3A	.07786	.07826	2.68+00	379.7	5.20+04	400.8	5.38+05
670407	54162	3A	.06718	.06737	3.63+00	406.0	8.82+04	413.7	4.08+05
670407	54418	3A	.03164	.03331	4.05+00	385.0	9.16+04	401.9	2.70+05
670407	54674	3A	.04844	.05064	3.74+00	422.2	9.96+04	422.6	2.70+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	F TEMP	A VEL	A TEMP
670403	3222	3A	.05427	.05407	3.76+00	418.6	8.00+04	419.1	2.88+05
670403	3478	3A	.04068	.04148	4.89+00	418.7	7.93+04	425.4	2.99+05
670403	3734	3A	.05227	.05374	3.87+00	413.2	9.03+04	424.9	2.76+05
670403	3990	3A	.04647	.04752	4.56+00	409.4	9.02+04	423.3	3.07+05
670403	4246	3A	.04405	.04474	3.74+00	413.9	7.86+04	423.4	2.58+05
670403	4502	3A	.05159	.05135	3.59+00	423.2	7.17+04	421.7	2.59+05
670403	4758	3A	.07220	.07273	3.26+00	403.4	8.57+04	434.2	4.53+05
670403	5014	3A	.04981	.04962	3.65+00	419.1	7.21+04	427.2	3.58+05
670403	5270	3A	.04455	.04475	3.86+00	426.1	6.70+04	426.9	2.77+05
670403	5526	3A	.04752	.04822	3.88+00	423.9	8.83+04	426.4	2.96+05
670403	5782	3A	.04428	.04352	3.86+00	404.0	8.63+04	412.0	3.30+05
670403	6038	3A	.06150	.06144	3.81+00	413.6	7.70+04	422.4	3.37+05
670403	29078	3A	.05697	.05682	3.81+00	409.0	6.60+04	420.1	2.55+05
670403	29334	3A	.04693	.04561	3.28+00	408.4	5.34+04	414.9	3.23+05
670403	30102	3A	.04552	.04527	3.51+00	409.0	6.28+04	417.7	2.48+05
670403	30358	3A	.06026	.05747	2.81+00	410.0	4.82+04	409.9	3.96+05
670403	30614	3A	.03410	.03391	4.78+00	422.4	1.22+05	423.2	3.21+05
670403	31382	3A	.03561	.03816	3.65+00	388.7	8.24+04	410.9	2.72+05
670403	31638	3A	.04569	.04954	3.50+00	387.3	9.52+04	405.9	3.82+05
670403	38806	3A	.04637	.05008	3.53+00	388.2	9.48+04	413.9	2.91+05
670403	39830	3A	.03768	.03668	3.41+00	390.1	7.17+04	409.1	2.31+05
670403	40342	3A	.04076	.04200	3.62+00	390.8	6.88+04	406.0	2.40+05
670403	40598	3A	.04061	.03813	3.66+00	391.1	6.28+04	398.9	3.34+05
670403	40854	3A	.04414	.04575	2.98+00	402.4	4.93+04	399.7	2.62+05
670403	41366	3A	.04069	.04086	3.29+00	409.2	4.38+04	404.8	2.44+05
670403	41622	3A	.04107	.04024	3.84+00	405.2	5.03+04	408.3	2.41+05
670403	41878	3A	.03344	.03327	3.23+00	400.6	5.12+04	402.8	2.90+05
670403	42390	3A	.03328	.03290	3.34+00	403.9	4.98+04	408.5	2.06+05
670403	42646	3A	.03827	.03578	3.30+00	401.3	4.32+04	404.7	3.32+05
670403	48022	3A	.03366	.03446	3.75+00	386.8	7.24+04	402.2	2.82+05
670403	48278	3A	.03670	.03368	3.76+00	389.6	6.05+04	396.3	3.13+05
670403	49046	3A	.03350	.03510	3.68+00	384.5	7.08+04	398.9	2.32+05
670403	49558	3A	.04433	.04576	3.88+00	390.0	5.93+04	394.5	3.11+05
670403	49814	3A	.03822	.03478	3.84+00	389.3	5.73+04	396.8	3.91+05
670403	50070	3A	.03226	.03532	3.69+00	387.0	6.41+04	398.7	2.89+05
670403	50326	3A	.03861	.04288	3.72+00	385.6	6.41+04	396.1	2.27+05
670403	50582	3A	.03456	.03134	3.66+00	384.1	6.89+04	390.6	2.96+05
670403	50838	3A	.03648	.04021	3.65+00	382.6	6.97+04	392.0	2.53+05
670403	51094	3A	.03654	.03522	3.86+00	390.6	5.93+04	399.7	2.77+05
670403	51350	3A	.02951	.03210	4.21+00	388.5	6.28+04	394.6	2.36+05
670403	51606	3A	.04057	.04776	3.54+00	379.1	7.78+04	394.1	2.35+05
670403	51862	3A	.03741	.04102	3.78+00	386.2	6.84+04	398.9	2.94+05
670403	52374	3A	.05038	.05373	3.57+00	381.2	7.03+04	391.2	2.65+05
670403	52630	3A	.03697	.04299	3.38+00	383.7	7.14+04	395.3	2.59+05
670403	52886	3A	.02879	.03236	4.08+00	379.5	8.31+04	386.3	2.41+05
670403	53398	3A	.05630	.05286	3.31+00	375.2	6.62+04	377.3	3.07+05
670403	53854	3A	.05943	.05615	2.18+00	388.0	6.82+04	381.8	3.87+05
670403	52102	3A	.03668	.03758	4.15+00	382.9	6.08+04	387.3	2.63+05
670403	52358	3A	.04334	.05010	4.23+00	403.9	5.86+04	400.5	2.45+05
670403	52870	3A	.03556	.03339	4.61+00	399.8	4.08+04	400.8	2.87+05
670403	53382	3A	.03391	.03465	3.60+00	400.5	4.17+04	403.8	2.02+05
670403	54406	3A	.02044	.02134	3.80+00	395.9	4.44+04	403.8	3.36+05
670403	73877	3A	.04456	.05077	3.28+00	408.9	1.16+05	435.7	4.88+05
670403	75869	3A	.04157	.04798	4.44+00	421.9	1.25+05	443.5	4.95+05
670403	78181	3A	.03865	.03797	4.20+00	418.6	1.28+05	438.5	4.16+05
670403	76437	3A	.04060	.04538	4.49+00	418.6	1.31+05	441.7	4.48+05
670403	76693	3A	.05007	.04781	4.13+00	424.0	1.29+05	440.1	5.18+05
670403	77205	3A	.03470	.03622	5.65+00	414.5	1.48+05	442.0	4.23+05
670403	77461	3A	.03938	.03947	4.84+00	412.5	1.39+05	433.7	4.57+05
670403	77717	3A	.04479	.04345	4.17+00	413.4	1.57+05	436.0	5.20+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
670330	4250	3A	.04963	.04810	3.98+00	408.6	4.51+04	409.1	2.70+05
670330	4506	3A	.05361	.04965	4.25+00	400.6	5.53+04	406.4	3.96+05
670330	4762	3A	.06182	.06161	3.81+00	412.2	4.84+04	418.3	2.42+05
670330	5274	3A	.04985	.04246	4.35+00	418.7	4.46+04	410.2	3.89+05
670330	5530	3A	.05334	.04960	3.97+00	421.5	5.78+04	415.8	4.80+05
670330	5786	3A	.02657	.02557	5.96+00	422.4	7.72+04	421.9	2.73+05
670330	6042	3A	.03216	.03249	5.83+00	419.6	6.13+04	422.3	2.03+05
670330	6286	3A	.03059	.02955	6.36+00	421.5	7.62+04	425.1	2.90+05
670330	11161	3A	.03006	.02973	6.09+00	405.1	7.03+04	411.2	3.06+05
670330	11417	3A	.03412	.03422	5.28+00	405.3	8.23+04	407.8	2.42+05
670330	12185	3A	.03392	.03349	5.95+00	404.6	6.77+04	404.6	2.26+05
670330	12441	3A	.04093	.04175	5.49+00	404.6	6.34+04	406.2	2.42+05
670330	12697	3A	.04810	.04758	5.11+00	414.6	7.98+04	411.8	2.86+05
670330	15769	3A	.03816	.03602	3.84+00	421.0	5.40+04	420.0	3.75+05
670330	16025	3A	.03711	.03913	3.78+00	401.2	5.11+04	404.9	2.72+05
670330	16281	3A	.03965	.03983	4.22+00	395.7	6.11+04	402.5	3.57+05
670330	17049	3A	.05572	.05519	3.60+00	403.4	4.20+04	400.9	2.75+05
670330	17305	3A	.05486	.05249	3.78+00	397.1	4.78+04	408.3	3.68+05
670330	17561	3A	.05632	.05196	3.56+00	395.3	4.68+04	395.8	3.50+05
670330	17817	3A	.05355	.05351	3.82+00	405.1	4.28+04	397.6	2.62+05
670330	18073	3A	.04790	.04781	4.22+00	401.1	4.77+04	410.7	2.55+05
670330	18329	3A	.04638	.04796	4.12+00	393.5	6.40+04	402.1	3.44+05
670330	18585	3A	.07348	.07348	3.17+00	408.1	4.57+04	408.4	3.08+05
670330	18641	3A	.05029	.05331	3.75+00	401.1	5.44+04	402.3	2.85+05
670330	19097	3A	.05911	.06076	3.48+00	395.7	5.84+04	406.2	2.75+05
670331	74089	3B	.04569	.04599	2.90+00	328.4	3.90+04	325.2	1.38+05
670331	74601	3B	.03814	.03797	3.26+00	328.9	3.64+04	327.3	1.30+05
670331	76137	3B	.04360	.04308	2.84+00	327.5	2.99+04	328.0	1.52+05
670401	6121	3B	.06106	.05872	1.63+00	299.8	2.46+04	280.6	9.91+04
670401	16617	3B	.02986	.02980	3.48+00	301.0	3.57+04	300.1	9.26+04
670401	57833	3B	.03643	.03708	2.14+01	373.0	5.64+04	373.4	1.78+05
670401	58089	3B	.03610	.03588	2.18+01	369.4	5.64+04	369.6	1.37+05
670401	59625	3B	.05612	.05541	1.78+01	359.1	6.54+04	357.5	2.08+05
670402	3433	3B	.06548	.06548	1.41+01	337.3	1.00+05	346.3	2.91+05
670402	6249	3B	.04139	.04199	1.15+01	340.6	7.53+04	346.9	2.70+05
670402	14697	3B	.04937	.05315	1.04+01	327.1	6.85+04	330.2	1.59+05
670402	16745	3B	.06111	.05349	1.03+01	342.7	5.36+04	335.4	3.00+05
670402	67606	3A	.09879	.10132	3.45+00	392.2	7.70+04	378.9	4.03+05
670402	62710	3A	.05001	.05213	4.06+00	406.6	9.68+04	423.5	3.47+05
670402	82966	3A	.04850	.05144	3.95+00	403.2	9.49+04	422.5	3.18+05
670402	83734	3A	.05683	.05902	3.84+00	407.7	9.44+04	421.5	2.91+05
670402	83990	3A	.04431	.04484	3.76+00	412.0	8.58+04	426.4	3.40+05
670402	84246	3A	.05367	.05502	3.45+00	406.8	1.01+05	419.1	3.84+05
670402	84502	3A	.05513	.05212	3.58+00	405.2	9.42+04	420.1	3.54+05
670402	84758	3A	.05263	.05415	3.77+00	410.1	9.51+04	425.3	3.09+05
670402	85014	3A	.05279	.05445	3.53+00	410.5	8.77+04	424.1	3.07+05
670402	85270	3A	.05674	.05645	3.42+00	414.7	7.27+04	423.9	3.48+05
670402	85526	3A	.04458	.04394	4.44+00	415.2	8.75+04	431.7	2.98+05
670402	85782	3A	.05119	.05295	3.57+00	406.6	9.71+04	423.1	3.35+05
670402	86038	3A	.05056	.05239	4.83+00	405.5	9.74+04	424.3	3.34+05
670402	86294	3A	.04929	.04894	3.75+00	413.6	8.33+04	421.7	3.08+05
670403	150	3A	.05231	.05216	4.11+00	411.6	8.84+04	415.7	3.76+05
670403	916	3A	.01119	.01146	3.83+00	388.3	8.43+04	383.3	5.83+04
670403	1174	3A	.05588	.05525	4.81+00	399.2	9.51+04	416.5	3.30+05
670403	1430	3A	.05786	.05782	3.51+00	414.1	7.39+04	421.6	2.66+05
670403	1666	3A	.06072	.06244	3.41+00	403.9	7.42+04	412.1	3.31+05
670403	1942	3A	.05423	.05406	4.22+00	411.0	8.29+04	417.5	2.58+05
670403	2198	3A	.05402	.05621	4.79+00	391.7	8.60+04	415.0	4.26+05
670403	2710	3A	.05329	.05355	3.92+00	408.9	8.40+04	422.8	2.96+05
670403	2966	3A	.04611	.04550	3.71+00	411.0	7.98+04	409.9	2.18+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
670327	77352	3A	.01451	.04319	6.62+00	450.2	2.25+05	481.8	5.25+05
670329	30234	3A	.08661	.08132	3.35+00	481.7	1.07+05	406.6	3.99+05
670329	30490	3A	.04754	.04944	4.57+00	400.5	9.55+04	415.8	3.52+05
670329	36634	3A	.09474	.10335	2.97+00	407.5	1.25+05	412.6	3.28+05
670329	36682	3A	.07507	.07359	2.09+00	396.3	7.16+04	402.2	2.89+05
670329	38938	3A	.05044	.06352	4.20+00	392.9	1.43+05	413.5	2.64+05
670329	39194	3A	.10547	.10774	1.57+00	396.5	9.70+04	400.4	2.49+05
670329	39450	3A	.05562	.05772	2.24+00	405.1	1.18+05	417.8	2.40+05
670329	39706	3A	.06620	.06695	2.62+00	402.7	1.15+05	405.4	2.67+05
670329	39962	3A	.06657	.06816	4.06+00	395.8	1.07+05	403.0	2.38+05
670329	40216	3A	.06449	.06954	2.90+00	402.5	1.06+05	410.5	3.01+05
670329	40474	3A	.06069	.06413	2.93+00	408.1	9.64+04	414.3	2.17+05
670329	41498	3A	.06336	.06223	2.68+00	412.4	1.26+05	420.4	3.38+05
670329	41754	3A	.06830	.07258	2.63+00	409.0	1.24+05	410.5	3.02+05
670329	42010	3A	.07175	.07432	2.57+00	416.2	8.61+04	419.4	3.57+05
670329	42266	3A	.06928	.07432	2.55+00	417.1	9.85+04	420.3	3.22+05
670329	42522	3A	.06981	.07133	2.44+00	420.4	8.19+04	423.7	3.35+05
670329	42778	3A	.07386	.06995	2.40+00	420.2	7.70+04	422.1	3.36+05
670329	43034	3A	.05993	.06081	2.90+00	424.5	7.04+04	427.8	3.52+05
670329	43802	3A	.05669	.05688	2.72+00	414.4	1.08+05	420.3	3.59+05
670329	44058	3A	.06458	.06405	2.52+00	419.1	1.08+05	419.1	3.30+05
670329	44826	3A	.06650	.06735	2.31+00	424.6	1.22+05	424.0	3.58+05
670329	45594	3A	.04595	.04793	2.73+00	418.0	1.01+05	418.0	3.51+05
670329	45850	3A	.05847	.06251	2.16+00	413.7	1.01+05	400.5	2.10+05
670329	46106	3A	.06224	.08943	2.43+00	414.2	1.13+05	416.1	3.36+05
670329	46362	3A	.07249	.08229	2.36+00	413.7	1.04+05	417.6	2.60+05
670329	46618	3A	.07567	.07461	2.52+00	414.3	9.87+04	422.1	2.92+05
670329	46874	3A	.07424	.07594	2.32+00	412.0	1.01+05	412.7	3.39+05
670329	47130	3A	.07436	.07973	2.27+00	429.2	7.07+04	426.9	3.80+05
670329	47386	3A	.06716	.07503	2.34+00	411.0	1.16+05	420.6	3.11+05
670329	47642	3A	.06149	.06903	2.39+00	409.6	1.10+05	415.6	3.12+05
670329	47898	3A	.05169	.04420	2.43+00	416.6	0.28+04	424.6	3.76+05
670329	48154	3A	.06500	.07206	2.05+00	418.2	1.16+05	418.9	4.19+05
670329	49914	3A	.04185	.04176	3.39+00	391.3	9.33+04	407.8	3.42+05
670329	50426	3A	.02777	.02718	3.69+00	389.4	9.74+04	404.5	3.29+05
670329	70682	3A	.02975	.02853	3.40+00	389.4	7.87+04	406.4	3.68+05
670329	70938	3A	.02389	.02442	3.71+00	389.0	8.17+04	398.0	4.62+05
670329	71194	3A	.02363	.02557	3.55+00	398.8	7.41+04	409.2	3.94+05
670329	71450	3A	.01967	.01953	3.63+00	387.4	7.88+04	402.6	2.79+05
670329	71706	3A	.02761	.02740	3.45+00	392.8	6.41+04	408.2	3.17+05
670329	71962	3A	.02964	.02678	3.21+00	394.6	6.52+04	401.8	3.86+05
670329	72218	3A	.02642	.02463	3.45+00	395.3	6.95+04	401.4	3.34+05
670329	72730	3A	.03206	.03049	3.04+00	388.8	8.26+04	404.4	3.14+05
670329	72986	3A	.03112	.02839	3.05+00	389.2	8.64+04	398.9	3.02+05
670329	73242	3A	.03158	.03136	3.36+00	387.1	7.81+04	396.2	3.75+05
670329	73498	3A	.03771	.03487	3.25+00	388.9	8.64+04	398.5	3.33+05
670329	73754	3A	.03165	.03156	3.25+00	388.8	7.86+04	408.3	2.82+05
670329	74010	3A	.04472	.04054	2.92+00	387.4	8.13+04	398.3	3.47+05
670329	74266	3A	.04305	.04409	2.95+00	392.0	7.47+04	404.0	3.58+05
670329	74522	3A	.03301	.03285	3.51+00	388.5	8.17+04	398.0	3.53+05
670330	410	3A	.03317	.03334	3.63+00	389.2	9.74+04	400.8	2.31+05
670330	922	3A	.03628	.03497	3.75+00	396.3	8.73+04	401.0	3.31+05
670330	2202	3A	.03180	.03056	4.15+00	380.1	8.07+04	398.9	3.23+05
670330	2458	3A	.03957	.03942	4.21+00	390.5	8.43+04	408.6	2.98+05
670330	2714	3A	.03586	.03784	3.67+00	392.9	8.33+04	408.8	2.47+05
670330	2970	3A	.03470	.03415	3.67+00	386.3	8.19+04	399.9	2.93+05
670330	3226	3A	.04581	.04592	3.63+00	395.8	4.46+04	410.7	2.49+05
670330	3482	3A	.05692	.05469	3.25+00	403.8	4.42+04	402.5	2.39+05
670330	3734	3A	.04320	.03942	3.60+00	406.1	4.10+04	402.6	3.85+05
670330	3994	3A	.05204	.05246	3.78+00	406.2	4.09+04	406.7	2.09+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670324	76238	3A	.03636	.03528	5.23+00	352.8	3.69+04	355.9	2.34+05
670324	76494	3A	.03890	.03864	5.08+00	342.9	4.04+04	345.6	1.34+05
670324	76750	3A	.02612	.02559	5.19+00	350.8	3.73+04	355.2	1.75+05
670325	6174	3A	.03802	.03795	1.09+01	345.3	4.20+04	348.3	9.84+04
670325	6430	3A	.05387	.05385	1.13+01	341.3	4.01+04	346.3	1.06+05
670325	7198	3A	.05806	.05751	1.09+01	344.6	3.71+04	348.1	1.02+05
670325	7454	3A	.05942	.05926	1.14+01	343.2	3.99+04	346.7	1.16+05
670325	7710	3A	.06701	.06626	1.10+01	343.4	3.72+04	345.6	1.04+05
670325	7966	3A	.07617	.07349	8.95+00	338.8	3.77+04	342.0	1.53+05
670325	8222	3A	.06966	.06931	1.16+01	338.2	3.66+04	339.2	1.12+05
670325	8478	3A	.06680	.06440	1.11+01	339.2	4.05+04	340.6	1.39+05
670325	8734	3A	.05142	.05124	9.76+00	337.0	4.05+04	339.6	1.17+05
670325	8990	3A	.03866	.03826	1.06+01	340.3	3.31+04	343.1	1.10+05
670325	9246	3A	.04637	.04626	1.05+01	339.1	3.18+04	342.8	9.26+04
670325	9502	3A	.04157	.04108	1.03+01	340.7	3.03+04	341.7	1.52+05
670325	9758	3A	.04013	.04011	8.67+00	339.8	3.29+04	341.0	1.16+05
670325	10014	3A	.03356	.03346	8.47+00	333.3	4.30+04	336.7	9.87+04
670325	10270	3A	.06362	.06340	5.55+00	336.2	3.81+04	341.2	1.02+05
670325	10782	3A	.03757	.03754	8.65+00	339.9	3.17+04	343.1	9.05+04
670325	11038	3A	.02679	.02659	8.00+00	336.0	4.57+04	343.5	1.28+05
670325	11294	3A	.01537	.01567	5.25+00	336.2	4.80+04	340.6	1.66+05
670325	11550	3A	.01906	.01881	6.53+00	336.1	4.83+04	339.4	1.72+05
670325	11806	3A	.02115	.02132	6.30+00	336.4	4.96+04	340.7	1.44+05
670325	12062	3A	.02303	.02240	5.52+00	338.1	4.97+04	340.2	2.03+05
670325	12318	3A	.02327	.02272	5.57+00	334.9	4.95+04	337.4	1.55+05
670325	12630	3A	.02262	.02237	6.53+00	337.8	5.12+04	340.4	1.89+05
670325	13086	3A	.03117	.03092	7.89+00	337.5	4.19+04	336.6	1.04+05
670325	13342	3A	.04917	.05040	7.89+00	339.3	4.46+04	339.2	1.47+05
670325	13598	3A	.04041	.03954	9.02+00	338.1	4.69+04	341.4	1.54+05
670325	13854	3A	.03706	.03615	8.79+00	339.9	4.84+04	342.0	1.79+05
670325	14366	3A	.03190	.03140	8.57+00	338.8	4.75+04	338.2	1.28+05
670325	144061	3A	.04318	.04217	4.60+00	342.5	3.74+04	342.0	1.79+05
670325	144317	3A	.05676	.05632	5.74+00	337.2	3.97+04	343.8	1.43+05
670325	144573	3A	.06321	.06100	5.83+00	340.3	3.96+04	342.2	1.68+05
670325	145085	3A	.05519	.05430	6.04+00	347.8	4.42+04	346.8	1.59+05
670325	145341	3A	.05080	.04803	7.12+00	350.4	3.74+04	347.3	2.14+05
670325	145597	3A	.05294	.05239	7.15+00	351.9	4.24+04	351.0	1.41+05
670325	160701	3A	.03857	.03901	5.69+00	336.5	3.73+04	333.5	9.88+04
670325	60057	3A	.04281	.04231	6.61+00	334.0	4.56+04	331.9	1.76+05
670325	61725	3A	.04787	.04863	5.75+00	334.1	4.54+04	328.9	1.23+05
670325	62237	3A	.05421	.05436	5.93+00	333.7	5.13+04	331.1	1.25+05
670325	62493	3A	.04014	.04070	6.59+00	332.2	5.34+04	328.2	1.18+05
670325	62749	3A	.04947	.04974	6.69+00	330.5	5.07+04	328.5	1.22+05
670325	69149	3A	.04411	.04494	5.47+00	324.3	4.54+04	326.1	1.41+05
670325	69405	3A	.04960	.05091	5.02+00	324.7	4.30+04	324.1	1.03+05
670325	69661	3A	.04941	.04984	4.96+00	324.2	4.32+04	324.5	1.23+05
670325	70173	3A	.05166	.05121	5.41+00	325.9	4.53+04	324.1	1.22+05
670325	70429	3A	.04926	.04910	5.08+00	327.8	4.88+04	327.8	1.36+05
670325	70685	3A	.06383	.06188	5.47+00	331.9	4.83+04	330.9	2.33+05
670325	70941	3A	.05719	.05502	5.60+00	332.5	4.53+04	336.1	1.65+05
670325	71197	3A	.06142	.06229	5.62+00	330.7	4.70+04	336.3	1.75+05
670325	71453	3A	.06200	.06269	5.46+00	331.6	4.68+04	334.6	1.65+05
670325	71709	3A	.05496	.05480	6.05+00	332.8	4.74+04	333.2	1.73+05
670325	71965	3A	.05680	.05350	5.15+00	331.4	4.92+04	332.9	1.65+05
670325	72221	3A	.06700	.06827	5.51+00	331.5	4.86+04	333.6	1.66+05
670325	72477	3A	.06486	.06548	5.85+00	330.4	4.87+04	333.3	1.80+05
670326	73448	3B	.06269	.06114	1.05+01	338.8	5.16+04	339.2	1.24+05
670326	73960	3B	.04463	.04284	1.06+01	335.3	4.90+04	331.6	9.77+04
670326	82920	3B	.02782	.02710	1.64+01	335.1	4.76+04	330.9	1.02+05
670327	10048	3B	.03212	.03168	9.43+00	344.9	7.24+04	343.8	1.23+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
670320	34210	3A	.01561	.01488	3.81+00	466.4	1.71+05	518.1	8.40+05
670320	47521	3A	.02949	.02766	3.62+00	472.6	1.20+05	478.9	6.11+05
670320	46289	3A	.02732	.02434	3.56+00	448.2	1.49+05	467.9	5.07+05
670320	56461	3A	.02754	.02656	3.33+00	442.1	1.34+05	462.5	5.57+05
670320	57249	3A	.03216	.03165	3.44+00	457.1	1.09+05	468.6	5.30+05
670320	57505	3A	.02754	.02561	3.22+00	448.2	1.18+05	458.3	5.43+05
670320	57761	3A	.02327	.02374	3.20+00	483.5	1.10+05	460.1	3.56+05
670320	58017	3A	.03416	.03680	3.09+00	478.2	1.25+05	486.0	6.49+05
670320	58273	3A	.02662	.02606	3.86+00	484.0	1.15+05	466.6	4.70+05
670320	58529	3A	.02986	.03281	2.92+00	449.0	8.55+04	459.7	6.05+05
670320	58785	3A	.03526	.03341	2.66+00	454.6	9.43+04	465.6	6.94+05
670320	59041	3A	.03242	.03258	2.39+00	452.2	8.83+04	459.6	3.58+05
670320	77473	3A	.04461	.04386	3.29+00	440.6	1.09+05	451.7	5.02+05
670320	77985	3A	.03926	.03925	3.99+00	437.7	1.20+05	452.0	4.44+05
670320	78241	3A	.04301	.04369	2.98+00	444.7	9.80+04	452.8	4.78+05
670320	78497	3A	.03944	.03763	3.59+00	437.0	1.23+05	447.0	4.89+05
670320	79009	3A	.03731	.03757	3.51+00	436.3	1.12+05	456.2	4.63+05
670320	79265	3A	.03890	.04179	3.53+00	452.0	1.12+05	453.8	3.67+05
670320	79521	3A	.03985	.03988	3.88+00	450.0	9.48+04	455.4	3.87+05
670320	79777	3A	.03650	.03585	3.91+00	444.8	1.05+05	450.7	4.76+05
670320	80033	3A	.02611	.02382	4.11+00	442.8	1.17+05	453.3	4.79+05
670320	80289	3A	.03958	.03781	3.69+00	451.4	1.02+05	457.2	4.23+05
670320	80545	3A	.03418	.03448	4.26+00	451.5	1.09+05	452.8	4.05+05
670320	80801	3A	.02830	.02783	3.75+00	452.9	9.81+04	451.0	6.02+05
670320	81569	3A	.03735	.03570	3.52+00	435.1	1.25+05	461.5	6.60+05
670321	1569	3A	.03363	.03389	3.66+00	422.6	1.11+05	436.2	3.24+05
670321	1825	3A	.04684	.04399	3.31+00	422.6	9.50+04	433.0	4.98+05
670321	3105	3A	.02138	.02282	3.54+00	444.8	1.13+05	464.8	4.91+05
670321	3361	3A	.02653	.02787	2.66+00	442.5	9.54+04	468.3	6.33+05
670321	3617	3A	.02412	.02309	2.83+00	444.2	8.75+04	464.1	5.60+05
670321	4041	3A	.02277	.03542	1.97+00	434.8	1.18+05	475.3	5.13+05
670321	5153	3A	.02026	.02155	2.78+00	445.1	1.17+05	473.3	5.63+05
670321	5409	3A	.02780	.02632	2.65+00	447.3	1.14+05	465.9	5.98+05
670321	5665	3A	.01850	.01881	2.95+00	446.0	1.11+05	474.9	3.65+05
670322	45030	3B	.01604	.01831	2.37+00	353.8	6.20+04	353.6	1.04+05
670322	45542	3B	.01514	.01608	2.60+00	355.5	5.49+04	348.4	7.47+04
670322	54247	3B	.02162	.02190	2.49+00	355.6	3.26+04	356.9	9.85+04
670323	18791	3B	.01683	.01689	5.30+00	332.0	2.00+04	329.1	8.43+04
670324	37278	3A	.02147	.02153	7.81+00	300.6	4.62+04	298.8	8.41+04
670324	39838	3A	.01953	.01994	8.90+00	303.8	5.15+04	294.7	5.67+04
670324	49566	3A	.09823	.10586	4.63+00	335.5	6.64+04	332.8	1.06+05
670324	49822	3A	.06464	.07034	5.99+00	334.9	6.63+04	338.1	2.09+05
670324	50078	3A	.07554	.07424	5.91+00	335.2	6.91+04	337.5	2.02+05
670324	50590	3A	.06630	.06734	6.56+00	340.6	6.87+04	340.9	1.99+05
670324	50846	3A	.07640	.07919	4.60+00	340.1	7.27+04	343.4	1.85+05
670324	51102	3A	.09081	.08266	4.50+00	343.1	6.71+04	339.9	3.01+05
670324	51358	3A	.07374	.07778	4.79+00	342.9	7.57+04	346.6	2.06+05
670324	51614	3A	.07680	.07667	4.66+00	341.8	6.85+04	342.2	2.18+05
670324	51870	3A	.06150	.06433	5.39+00	341.2	7.25+04	343.8	1.86+05
670324	52126	3A	.06973	.07270	5.95+00	343.6	6.49+04	346.8	2.56+05
670324	52382	3A	.06352	.06307	4.81+00	340.4	7.78+04	343.2	2.86+05
670324	63902	3A	.03375	.03427	5.59+00	348.9	5.93+04	348.6	2.14+05
670324	64158	3A	.03649	.03645	4.72+00	345.4	6.28+04	345.1	2.13+05
670324	64670	3A	.03659	.03762	5.17+00	337.3	6.29+04	339.1	1.67+05
670324	76100	3A	.03138	.03216	5.13+00	342.5	5.93+04	341.2	1.14+05
670324	76958	3A	.03045	.03072	5.39+00	350.8	3.76+04	347.0	1.08+05
670324	77214	3A	.03099	.03099	4.93+00	352.8	3.44+04	351.6	1.35+05
670324	77470	3A	.02876	.02871	5.18+00	352.9	3.64+04	350.3	1.30+05
670324	77726	3A	.03436	.03432	5.57+00	352.6	3.72+04	352.8	1.35+05
670324	77942	3A	.02877	.02893	5.26+00	357.0	4.17+04	360.4	1.58+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670311	57385	3A	.00999	.00985	3.62+00	320.5	2.20+04	321.8	1.74+05
670311	57641	3A	.00847	.00832	3.66+00	319.7	2.26+04	326.9	7.40+04
670312	84196	3B	.02254	.02255	5.32+00	297.7	2.98+04	298.6	4.32+04
670313	1692	3B	.05537	.05517	8.13+00	299.9	3.63+04	299.1	6.61+04
670313	8804	3B	.02863	.02714	4.38+00	307.3	2.55+04	302.8	1.25+05
670313	49764	3B	.03318	.03151	7.22+00	300.4	4.20+04	301.7	2.41+05
670313	62308	3B	.03308	.03323	6.95+00	292.2	2.97+04	293.1	5.01+04
670315	33062	3A	.03418	.03426	5.91+00	264.3	1.93+04	263.6	6.65+04
670315	33318	3A	.03246	.03252	5.62+00	264.4	1.96+04	262.6	4.25+04
670315	50726	3A	.04744	.04803	3.87+00	249.0	3.78+04	253.9	8.60+04
670315	51494	3A	.03302	.03352	7.21+00	256.7	3.67+04	255.4	6.27+04
670315	51750	3A	.02287	.02292	6.74+00	256.9	5.11+04	256.1	6.65+04
670315	52006	3A	.03075	.03081	7.67+00	257.3	4.05+04	254.4	7.50+04
670315	52518	3A	.03926	.03934	3.48+00	248.6	3.79+04	256.4	5.61+04
670315	52774	3A	.05128	.05117	3.69+00	245.0	3.77+04	253.8	3.79+04
670315	53030	3A	.04384	.04327	5.02+00	249.7	2.85+04	247.8	1.03+05
670315	53286	3A	.03045	.03095	8.57+00	246.1	3.27+04	243.2	8.73+04
670315	56357	3A	.01448	.01440	6.03+00	265.2	1.47+04	262.6	5.67+04
670315	56613	3A	.02442	.02434	6.42+00	265.7	1.40+04	261.8	7.74+04
670316	17829	3A	.03436	.03452	6.62+00	240.6	1.96+04	245.8	3.97+04
670316	18853	3A	.04083	.04047	6.14+00	238.1	1.68+04	240.3	6.76+04
670316	19109	3A	.04407	.04379	5.67+00	241.9	1.75+04	242.7	3.94+04
670317	65893	3B	.01615	.01817	1.68+01	301.0	6.70+04	299.9	1.30+05
670317	67173	3B	.04244	.04087	1.37+01	296.0	3.75+04	277.9	1.15+05
670318	19273	3B	.01848	.01577	1.61+01	297.7	3.78+04	299.1	7.03+04
670318	19941	3B	.02166	.02060	1.59+01	295.9	4.19+04	297.0	1.27+05
670318	80614	3B	.02118	.02127	1.99+01	339.6	6.43+04	340.5	1.36+05
670318	81894	3B	.01920	.01638	2.19+01	341.7	5.64+04	333.5	1.78+05
670318	82150	3B	.02100	.02257	2.16+01	341.6	6.93+04	346.4	1.36+05
670318	83430	3B	.01818	.01884	2.06+01	326.9	5.70+04	331.0	1.21+05
670319	64802	3A	.00905	.01783	4.82+00	524.1	3.41+05	585.2	1.61+06
670319	67106	3A	.01548	.00503	3.71+00	512.1	4.00+05	576.2	1.22+06
670319	67618	3A	.04030	.04034	3.93+00	499.2	2.17+05	521.1	8.70+05
670319	67874	3A	.02879	.03125	3.88+00	516.4	2.29+05	548.4	8.09+05
670319	68130	3A	.02418	.02756	5.21+00	521.6	2.78+05	557.2	8.17+05
670319	68386	3A	.02363	.02606	3.76+00	514.2	2.74+05	548.0	7.18+05
670319	68642	3A	.02860	.09136	4.32+00	514.1	3.00+05	565.5	1.08+06
670319	69154	3A	.04595	.16917	3.23+00	509.5	2.57+05	537.0	9.59+05
670319	69410	3A	.03907	.04292	4.12+00	510.1	2.42+05	553.4	1.14+06
670319	69922	3A	.02145	.02200	5.18+00	528.0	2.33+05	549.3	9.07+05
670319	70178	3A	.03766	.09601	4.29+00	524.8	2.21+05	562.2	9.88+05
670319	70946	3A	.04450	.04098	5.54+00	551.2	2.73+05	571.0	9.47+05
670319	71202	3A	.04317	.04773	4.63+00	514.6	1.90+05	563.9	1.00+06
670319	84514	3A	.03429	.03587	8.19+00	517.1	3.04+05	535.6	7.93+05
670319	84770	3A	.03110	.03574	8.71+00	515.4	3.05+05	537.2	7.05+05
670319	85538	3A	.02900	.03116	7.11+00	482.1	2.07+05	533.1	1.00+06
670319	85794	3A	.02708	.03024	7.57+00	481.1	2.18+05	538.0	9.10+05
670319	86050	3A	.02826	.03022	6.72+00	479.2	2.02+05	532.5	6.71+05
670319	86306	3A	.02639	.02848	8.37+00	477.7	2.18+05	534.0	8.01+05
670320	162	3A	.02243	.02266	6.27+00	478.7	2.06+05	529.6	6.86+05
670320	674	3A	.02693	.02854	8.20+00	472.5	2.28+05	522.2	6.93+05
670320	5794	3A	.02970	.03416	2.89+00	497.4	1.46+05	514.0	6.49+05
670320	6050	3A	.02475	.03024	2.57+00	494.9	1.87+05	525.9	7.24+05
670320	6810	3A	.01920	.02368	3.11+00	479.0	1.79+05	518.3	5.58+05
670320	9378	3A	.02150	.02344	3.17+00	504.0	1.77+05	538.8	5.98+05
670320	31906	3A	.01581	.03845	3.78+00	469.1	1.57+05	523.1	1.05+06
670320	32162	3A	.01185	.01212	3.64+00	468.4	1.56+05	519.8	7.05+05
670320	32930	3A	.01613	.01665	3.63+00	475.1	1.81+05	536.6	8.11+05
670320	33698	3A	.01906	.01950	3.50+00	463.0	1.61+05	517.8	7.22+05
670320	33954	3A	.01657	.01626	2.52+00	492.5	1.10+05	497.7	7.89+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670308	61891	3A	.05587	.05555	6.97+00	325.7	5.72+04	326.8	1.88+05
670310	57002	3A	.01205	.01293	4.41+00	372.8	4.98+04	374.0	2.99+05
670310	57258	3A	.01296	.01286	4.16+00	367.5	6.38+04	367.7	2.06+05
670310	58025	3A	.01143	.01128	4.13+00	362.1	4.87+04	366.9	2.93+05
670310	59561	3A	.01679	.01669	3.86+00	358.7	4.33+04	369.4	2.23+05
670310	60073	3A	.01932	.01931	3.88+00	359.4	4.63+04	369.4	2.59+05
670310	60329	3A	.02261	.02082	3.74+00	363.1	4.52+04	362.2	3.95+05
670310	60585	3A	.02055	.02039	3.89+00	361.2	4.28+04	374.7	2.42+05
670310	60841	3A	.01684	.01395	3.26+00	353.6	5.77+04	364.7	2.81+05
670310	61097	3A	.01549	.01523	3.51+00	349.1	6.46+04	361.9	2.82+05
670310	61353	3A	.01476	.01435	3.55+00	354.7	6.36+04	369.1	3.93+05
670310	61609	3A	.01554	.01593	3.75+00	354.5	6.03+04	372.9	2.40+05
670310	73897	3A	.00763	.00936	2.94+00	332.6	3.52+04	335.8	2.43+05
670310	74665	3A	.01221	.01041	4.64+00	328.5	4.18+04	328.8	2.58+05
670310	74921	3A	.01443	.01402	6.02+00	312.2	4.43+04	321.0	1.74+05
670310	76201	3A	.01897	.01703	4.42+00	333.3	4.23+04	331.1	2.28+05
670310	76969	3A	.01367	.01402	4.02+00	331.3	4.32+04	332.7	1.27+05
670310	77225	3A	.01507	.01488	4.19+00	336.1	4.38+04	336.3	1.85+05
670311	2857	3A	.06230	.06318	4.69+00	326.8	3.69+04	326.8	1.21+05
670311	3625	3A	.07694	.07170	4.78+00	327.0	3.35+04	323.2	1.49+05
670311	3881	3A	.07695	.07907	4.29+00	324.8	3.28+04	325.0	1.19+05
670311	4137	3A	.07648	.07594	4.33+00	326.9	3.27+04	328.8	1.08+05
670311	4393	3A	.07129	.07102	4.86+00	329.3	3.35+04	329.7	1.16+05
670311	4649	3A	.07308	.07304	3.92+00	329.7	3.13+04	328.3	7.83+04
670311	4905	3A	.07956	.07924	3.74+00	329.2	3.29+04	329.7	1.13+05
670311	19497	3A	.03857	.03774	4.62+00	317.9	2.49+04	319.0	8.78+04
670311	19753	3A	.03419	.03411	4.85+00	317.6	2.68+04	319.7	7.32+04
670311	20265	3A	.03150	.03153	4.67+00	315.7	2.58+04	316.9	7.19+04
670311	20521	3A	.04042	.04031	4.36+00	319.9	2.43+04	321.4	8.34+04
670311	22057	3A	.03667	.03661	4.61+00	320.5	2.59+04	322.2	7.94+04
670311	30249	3A	.03835	.03829	3.97+00	313.8	2.90+04	309.8	6.70+04
670311	30505	3A	.03386	.03364	3.93+00	314.0	2.97+04	313.8	8.08+04
670311	31273	3A	.02375	.02337	4.70+00	318.2	2.93+04	315.5	1.49+05
670311	31785	3A	.01792	.01770	4.51+00	319.5	2.39+04	324.7	1.11+05
670311	32041	3A	.01761	.01710	4.21+00	319.9	2.56+04	323.4	1.23+05
670311	32297	3A	.02795	.02809	4.47+00	317.5	3.21+04	317.2	1.35+05
670311	32553	3A	.02569	.02520	5.30+00	320.0	3.11+04	314.5	1.10+05
670311	32809	3A	.02545	.02532	5.65+00	320.4	3.33+04	318.6	1.30+05
670311	34080	3A	.06021	.05866	4.15+00	308.0	3.61+04	306.1	7.61+04
670311	41769	3A	.01394	.01386	5.64+00	318.4	2.60+04	311.5	1.91+05
670311	42025	3A	.02086	.02096	4.71+00	321.7	2.47+04	320.5	1.33+05
670311	42537	3A	.03655	.03594	2.38+00	334.0	1.53+04	322.6	9.05+04
670311	42793	3A	.01701	.01598	4.64+00	322.1	2.95+04	321.2	1.71+05
670311	43049	3A	.02547	.02591	5.63+00	319.0	2.64+04	319.4	1.40+05
670311	43305	3A	.02876	.02863	4.72+00	321.1	2.68+04	323.7	7.85+04
670311	43561	3A	.02805	.02535	5.16+00	322.5	2.68+04	323.2	1.16+05
670311	43817	3A	.02492	.02360	5.27+00	321.1	2.84+04	322.6	1.62+05
670311	44585	3A	.03401	.03295	5.32+00	320.7	3.27+04	320.7	1.12+05
670311	54057	3A	.02586	.02511	4.53+00	324.7	3.66+04	327.9	1.01+05
670311	54313	3A	.00996	.01031	5.69+00	322.7	2.70+04	325.2	1.31+05
670311	54825	3A	.01144	.01121	4.64+00	320.7	2.61+04	321.5	9.97+04
670311	55081	3A	.01032	.00901	4.54+00	320.3	2.70+04	322.2	1.37+05
670311	55337	3A	.00876	.00872	4.16+00	318.7	2.52+04	319.1	1.02+05
670311	55593	3A	.00860	.00852	4.24+00	320.3	2.50+04	320.5	8.80+04
670311	55849	3A	.01344	.01351	4.43+00	318.5	2.71+04	317.8	1.96+05
670311	56105	3A	.01088	.01017	4.38+00	319.8	2.64+04	319.1	1.77+05
670311	56361	3A	.01188	.01167	3.94+00	314.5	2.37+04	311.1	2.68+05
670311	56617	3A	.00951	.00976	3.45+00	320.6	2.36+04	318.2	1.45+05
670311	56873	3A	.01284	.01241	3.67+00	320.7	2.38+04	307.5	3.07+05
670311	57129	3A	.00749	.00747	3.67+00	319.8	2.30+04	324.8	1.84+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670305	70661	3A	.05201	.04829	5.56+00	359.4	1.03+05	369.4	4.11+05
670305	80429	3A	.05063	.05131	5.18+00	377.2	8.24+04	381.5	3.08+05
670305	80941	3A	.04703	.04611	6.00+00	375.1	9.60+04	377.1	3.48+05
670305	81453	3A	.05395	.05037	5.32+00	367.3	8.62+04	370.0	3.79+05
670305	81709	3A	.05490	.04640	5.07+00	372.3	8.27+04	376.2	4.44+05
670306	8621	3A	.04232	.04072	5.43+00	355.5	1.00+05	359.1	3.91+05
670306	8677	3A	.01156	.01643	6.50+00	349.0	1.47+05	368.6	2.72+05
670306	9645	3A	.04005	.03900	5.62+00	360.1	1.24+05	380.7	3.52+05
670306	10157	3A	.04073	.04254	5.62+00	362.4	1.32+05	391.4	4.02+05
670306	10413	3A	.04283	.04522	5.13+00	364.7	1.28+05	390.4	4.17+05
670306	10925	3A	.06164	.06050	4.41+00	369.9	1.28+05	384.8	4.04+05
670306	11181	3A	.04303	.03971	5.05+00	372.1	1.21+05	382.3	4.20+05
670306	11437	3A	.05008	.04764	5.64+00	371.2	1.06+05	385.0	3.37+05
670306	12205	3A	.10471	.09618	3.30+00	353.7	9.93+04	376.1	5.35+05
670306	21933	3A	.04462	.04316	4.57+00	378.3	8.98+04	389.9	3.30+05
670306	22189	3A	.04521	.04354	4.62+00	380.5	7.56+04	390.1	4.18+05
670306	23469	3A	.05024	.05159	4.06+00	386.5	6.78+04	387.0	3.99+05
670306	23725	3A	.04430	.04665	4.07+00	377.7	7.51+04	387.8	3.98+05
670306	23981	3A	.04863	.04680	3.92+00	384.7	6.69+04	388.4	2.92+05
670306	24237	3A	.04769	.04573	3.92+00	379.9	7.70+04	386.1	3.29+05
670306	24493	3A	.04836	.04508	4.11+00	387.6	6.60+04	389.2	4.28+05
670306	24749	3A	.04773	.04818	3.84+00	388.1	5.35+04	389.4	3.12+05
670306	25261	3A	.03950	.03945	4.02+00	385.0	5.51+04	390.4	2.51+05
670306	25517	3A	.03552	.03552	3.88+00	387.2	5.45+04	391.2	2.49+05
670306	25773	3A	.03448	.03516	3.97+00	385.1	6.71+04	391.5	2.69+05
670306	26029	3A	.03921	.03719	4.25+00	361.8	6.13+04	385.9	3.13+05
670306	26285	3A	.04035	.03907	4.14+00	385.3	7.40+04	391.2	3.08+05
670306	26541	3A	.04597	.04411	3.92+00	379.8	5.67+04	382.0	3.90+05
670306	26797	3A	.04424	.04257	3.98+00	392.5	6.28+04	390.9	3.01+05
670306	27053	3A	.04384	.04223	4.03+00	392.4	5.47+04	391.2	3.49+05
670306	27309	3A	.04274	.04321	4.14+00	387.7	6.17+04	398.7	2.71+05
670306	27565	3A	.03804	.03629	4.12+00	392.2	5.90+04	386.2	3.11+05
670306	27821	3A	.04141	.04143	4.11+00	385.5	5.21+04	382.1	2.46+05
670306	39853	3A	.04431	.04275	4.70+00	368.2	8.82+04	385.7	3.79+05
670306	40109	3A	.05709	.05366	4.20+00	369.0	1.01+05	385.6	4.42+05
670306	41389	3A	.04681	.04513	4.04+00	390.9	6.55+04	388.4	2.76+05
670306	41645	3A	.05114	.04841	4.13+00	384.6	7.49+04	387.5	3.70+05
670306	42157	3A	.05281	.05085	4.07+00	384.8	5.24+04	386.1	2.43+05
670306	42413	3A	.05590	.05487	3.87+00	380.5	5.95+04	384.2	2.65+05
670306	42669	3A	.06606	.06257	4.03+00	375.9	5.91+04	375.2	3.83+05
670306	42925	3A	.05259	.05072	4.07+00	383.2	5.69+04	381.6	3.26+05
670306	43181	3A	.05497	.05593	4.00+00	382.0	5.39+04	385.7	2.47+05
670306	43437	3A	.04810	.04815	4.22+00	377.9	5.58+04	384.4	2.91+05
670306	43893	3A	.05674	.05601	3.75+00	378.2	4.88+04	381.1	2.55+05
670306	51629	3A	.04335	.04645	4.41+00	349.3	8.55+04	386.3	2.90+05
670306	51885	3A	.05581	.05939	4.05+00	355.6	8.03+04	376.0	3.27+05
670306	52141	3A	.05805	.06162	3.40+00	353.9	8.00+04	377.2	3.45+05
670306	52397	3A	.05957	.05949	3.80+00	365.4	8.10+04	377.4	2.83+05
670306	52909	3A	.05883	.05942	3.81+00	364.3	7.20+04	375.5	2.47+05
670306	63917	3A	.06203	.06411	4.27+00	355.1	8.71+04	386.1	2.86+05
670306	64685	3A	.06999	.07118	3.72+00	358.2	7.57+04	387.7	2.37+05
670306	65197	3A	.05184	.05291	3.66+00	358.4	7.30+04	386.3	2.42+05
670306	76204	3A	.05110	.05112	3.86+00	361.8	5.35+04	383.3	2.18+05
670306	76460	3A	.04317	.04179	4.27+00	382.8	5.81+04	385.4	2.29+05
670306	77484	3A	.13292	.13158	3.82+00	355.6	6.10+04	342.5	1.38+05
670306	77986	3A	.05780	.05763	3.66+00	354.7	6.10+04	382.3	2.24+05
670306	78252	3A	.05779	.05738	4.09+00	370.5	4.63+04	388.5	2.20+05
670308	29155	3B	.05473	.05073	4.46+00	337.0	8.22+04	353.3	2.73+05
670308	68579	3B	.05230	.05165	6.32+00	341.1	3.51+04	337.4	1.38+05
670308	80099	3B	.05357	.05238	6.20+00	336.0	5.96+04	331.4	2.26+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670302	20912	3A	.02011	.01909	7.40+00	324.0	8.61+04	334.9	2.29+05
670302	21680	3A	.03712	.03786	5.13+00	342.0	5.99+04	345.9	2.52+05
670302	22704	3A	.03143	.02856	4.64+00	328.8	4.60+04	331.5	2.36+05
670302	22960	3A	.02582	.02743	4.61+00	326.9	5.27+04	336.0	2.12+05
670302	23216	3A	.02822	.02626	4.69+00	329.6	5.19+04	332.2	2.19+05
670302	23472	3A	.02751	.02662	4.63+00	330.3	5.31+04	332.0	1.91+05
670302	23728	3A	.02526	.02565	4.62+00	332.3	5.31+04	336.7	1.97+05
670302	23984	3A	.02462	.02545	4.63+00	325.4	6.10+04	326.6	2.29+05
670302	24240	3A	.02947	.02958	4.49+00	329.5	5.66+04	335.0	2.52+05
670302	24496	3A	.03001	.03012	4.64+00	330.4	5.14+04	336.8	2.21+05
670302	24752	3A	.02258	.02361	4.53+00	331.3	5.55+04	340.2	1.59+05
670302	25008	3A	.03486	.03485	4.94+00	327.8	6.91+04	334.9	2.62+05
670302	25264	3A	.03472	.03542	4.57+00	334.5	4.87+04	335.9	2.48+05
670302	25520	3A	.03131	.02863	4.25+00	332.6	4.78+04	333.5	2.17+05
670302	33200	3A	.02713	.02838	4.92+00	316.1	6.00+04	324.2	1.64+05
670302	33712	3A	.02923	.02919	4.45+00	315.8	5.54+04	324.6	1.75+05
670302	34224	3A	.02745	.02707	4.47+00	314.9	5.63+04	320.0	1.60+05
670302	35504	3A	.03824	.03441	4.03+00	316.7	5.59+04	316.0	2.25+05
670302	36784	3A	.03479	.03219	4.63+00	327.8	4.75+04	331.9	1.80+05
670302	37040	3A	.02782	.02800	4.67+00	330.3	5.31+04	332.2	2.25+05
670303	25953	3B	.02351	.02226	7.26+00	329.0	4.03+04	325.9	2.50+05
670303	26465	3B	.02045	.02010	6.93+00	330.4	3.94+04	325.4	1.79+05
670303	26977	3B	.02207	.02204	6.82+00	330.1	4.27+04	329.4	1.67+05
670303	28513	3B	.02389	.02222	6.60+00	324.6	4.40+04	320.8	2.41+05
670303	29793	3B	.02243	.02167	1.07+01	342.0	6.75+04	340.2	2.26+05
670303	60481	3B	.03494	.03389	1.06+01	324.9	4.61+04	323.5	1.35+05
670303	65089	3B	.04276	.04322	9.32+00	311.9	4.53+04	315.5	1.10+05
670303	66369	3B	.04143	.04012	8.48+00	322.5	5.68+04	323.3	1.15+05
670304	10721	3B	.04744	.04872	7.10+00	313.3	4.46+04	304.8	4.43+04
670304	15073	3B	.08920	.08751	5.75+00	346.0	3.25+04	342.3	6.78+04
670304	18401	3B	.09235	.09319	4.91+00	331.5	3.58+04	329.3	5.51+04
670304	32737	3B	.08237	.08148	7.76+00	344.4	4.33+04	341.1	1.31+05
670305	47662	3A	.03678	.04784	4.58+00	356.6	1.27+05	374.2	2.84+05
670305	48668	3A	.03902	.05130	5.47+00	355.3	1.47+05	379.4	3.20+05
670305	52269	3A	.01803	.02010	6.68+00	382.4	1.01+05	369.9	9.88+04
670305	52781	3A	.04510	.04095	6.12+00	368.7	1.22+05	380.5	3.88+05
670305	53805	3A	.04551	.04304	6.13+00	369.1	1.13+05	384.9	4.27+05
670305	64045	3A	.04730	.05396	6.36+00	353.8	1.39+05	379.4	3.19+05
670305	64813	3A	.04717	.04624	6.38+00	362.2	1.29+05	384.3	3.95+05
670305	65325	3A	.04907	.04955	5.89+00	370.4	1.20+05	384.8	3.03+05
670305	65581	3A	.04143	.04208	7.18+00	376.8	1.14+05	385.0	2.98+05
670305	65837	3A	.01790	.01750	3.77+00	347.4	1.57+05	292.0	1.66+04
670305	66093	3A	.04348	.04474	5.58+00	335.3	1.58+05	360.8	2.84+05
670305	66349	3A	.02819	.03567	7.05+00	340.1	1.45+05	373.7	2.12+05
670305	66861	3A	.04784	.04342	5.41+00	347.5	1.42+05	366.3	4.18+05
670305	67117	3A	.04014	.04444	6.36+00	363.7	1.23+05	382.4	3.30+05
670305	67629	3A	.07204	.07089	4.59+00	338.6	1.04+05	363.1	3.46+05
670305	67885	3A	.03376	.03978	5.86+00	372.4	1.15+05	380.1	3.21+05
670305	68141	3A	.02913	.03255	6.47+00	386.3	1.17+05	384.5	2.21+05
670305	68397	3A	.04751	.05015	5.88+00	361.2	1.23+05	378.1	3.95+05
670305	68653	3A	.04279	.04108	5.99+00	365.9	1.02+05	373.2	3.73+05
670305	68909	3A	.04659	.04428	5.84+00	364.1	1.02+05	371.9	3.65+05
670305	69165	3A	.05749	.05887	5.82+00	383.3	9.80+04	370.2	4.47+05
670305	69421	3A	.04256	.03846	7.12+00	363.7	1.30+05	380.6	4.21+05
670305	69877	3A	.04611	.05181	6.42+00	358.2	1.35+05	376.0	3.32+05
670305	69933	3A	.05080	.05532	6.02+00	361.7	1.24+05	377.3	3.23+05
670305	70445	3A	.03887	.04599	6.64+00	360.7	1.33+05	382.3	3.44+05
670305	77869	3A	.03727	.03910	6.72+00	359.6	1.49+05	388.8	3.91+05
670305	78125	3A	.05711	.05653	6.21+00	356.2	1.01+05	371.0	5.45+05
670305	79149	3A	.04168	.03945	5.79+00	366.3	1.00+05	369.8	4.03+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670301	3633	3A	.04830	.04765	4.17+00	357.5	6.16+04	365.7	2.74+05
670301	3889	3A	.04531	.04681	3.91+00	377.4	6.06+04	364.3	2.18+05
670301	4145	3A	.02605	.02574	5.79+00	356.8	6.38+04	358.6	2.08+05
670301	4401	3A	.03023	.02633	6.59+00	358.4	5.71+04	358.4	3.04+05
670301	4657	3A	.02798	.02751	6.17+00	360.9	5.62+04	359.4	2.27+05
670301	4913	3A	.03122	.03198	6.50+00	354.7	5.21+04	358.1	2.18+05
670301	5169	3A	.03502	.03420	6.88+00	357.5	6.17+04	361.5	2.53+05
670301	5425	3A	.02872	.02984	6.88+00	352.1	5.85+04	357.1	2.36+05
670301	5681	3A	.03015	.02968	6.74+00	361.6	7.00+04	359.9	2.80+05
670301	5937	3A	.03915	.04058	5.52+00	351.6	5.88+04	356.6	1.96+05
670301	6449	3A	.03514	.03368	5.84+00	352.0	4.85+04	357.4	2.37+05
670301	6705	3A	.03683	.03556	5.15+00	351.4	5.63+04	357.2	1.75+05
670301	6961	3A	.03867	.03924	4.78+00	345.8	4.82+04	349.7	1.90+05
670301	7473	3A	.03940	.03939	5.63+00	349.1	5.16+04	349.7	1.88+05
670301	7729	3A	.03991	.03559	6.21+00	346.2	6.24+04	350.0	3.24+05
670301	8241	3A	.03854	.03700	5.75+00	341.7	6.81+04	357.7	2.40+05
670301	40241	3A	.02799	.02786	5.86+00	331.1	6.06+04	340.8	2.21+05
670301	41009	3A	.03581	.03672	5.25+00	329.4	5.10+04	333.9	2.29+05
670301	41265	3A	.03481	.03730	5.26+00	323.9	5.75+04	318.9	1.74+05
670301	41521	3A	.04211	.03740	5.44+00	323.3	4.10+04	319.0	2.70+05
670301	41777	3A	.03245	.03526	5.96+00	316.3	6.16+04	327.3	1.96+05
670301	42033	3A	.04730	.04581	3.69+00	324.0	4.26+04	320.4	2.26+05
670301	42269	3A	.02829	.02915	5.89+00	317.9	7.16+04	323.6	1.97+05
670301	42545	3A	.05156	.05294	4.58+00	318.3	5.25+04	328.8	1.89+05
670301	42801	3A	.02919	.03132	5.11+00	327.9	4.37+04	331.9	1.84+05
670301	43057	3A	.03487	.03560	4.93+00	327.0	4.52+04	331.1	2.36+05
670301	43313	3A	.03153	.03238	5.55+00	326.7	4.86+04	329.5	1.66+05
670301	52273	3A	.04729	.04697	7.21+00	367.7	5.81+04	370.5	2.50+05
670301	52529	3A	.04784	.04545	7.13+00	367.1	5.76+04	368.3	2.58+05
670301	67888	3A	.03842	.03758	5.48+00	360.1	6.23+04	359.8	2.31+05
670301	68144	3A	.03803	.03944	5.49+00	357.7	6.60+04	357.5	2.68+05
670301	68400	3A	.04909	.04947	5.83+00	348.8	6.58+04	356.8	2.48+05
670301	69424	3A	.04503	.04456	5.40+00	346.5	7.61+04	356.2	2.26+05
670301	69680	3A	.05412	.05632	5.32+00	348.3	6.89+04	354.8	2.55+05
670301	69938	3A	.04754	.04657	5.86+00	347.8	6.84+04	357.5	2.46+05
670301	70192	3A	.04839	.04795	5.63+00	351.7	5.91+04	352.2	2.57+05
670301	70448	3A	.04018	.04135	5.01+00	348.5	6.39+04	353.5	2.68+05
670301	70704	3A	.04723	.04644	4.99+00	350.8	6.86+04	358.8	2.26+05
670301	70960	3A	.04962	.05126	4.40+00	348.7	7.21+04	355.3	2.91+05
670301	71216	3A	.04608	.04910	4.84+00	344.9	7.36+04	355.8	2.72+05
670301	61456	3A	.03094	.02645	4.45+00	339.9	6.00+04	344.0	2.66+05
670301	61712	3A	.02928	.02925	5.04+00	342.0	6.59+04	348.2	2.55+05
670301	61968	3A	.03510	.03493	4.62+00	338.1	7.30+04	346.6	2.36+05
670301	62224	3A	.03251	.03273	5.03+00	337.1	6.51+04	343.9	2.74+05
670301	62480	3A	.03125	.03183	4.66+00	338.4	6.13+04	345.9	2.32+05
670301	62736	3A	.02857	.03071	4.41+00	335.5	6.22+04	345.9	2.23+05
670301	63504	3A	.02808	.03017	5.13+00	332.6	6.12+04	346.8	2.38+05
670301	63760	3A	.02994	.03282	5.18+00	331.6	6.06+04	346.2	2.74+05
670302	13488	3A	.03558	.03559	4.66+00	342.4	6.58+04	345.8	2.96+05
670302	13744	3A	.03476	.03461	4.64+00	345.7	6.17+04	347.5	3.15+05
670302	14000	3A	.03023	.03237	4.57+00	361.6	6.56+04	355.3	2.34+05
670302	15024	3A	.03478	.03452	4.74+00	332.5	7.61+04	341.5	2.28+05
670302	15280	3A	.03881	.03786	5.09+00	331.9	7.71+04	341.8	2.82+05
670302	15536	3A	.02823	.02918	4.85+00	336.5	7.21+04	346.5	2.28+05
670302	15792	3A	.03289	.03174	4.82+00	334.8	7.07+04	342.8	3.05+05
670302	16048	3A	.03065	.03091	4.98+00	341.8	6.20+04	347.4	3.32+05
670302	16304	3A	.03477	.03423	4.80+00	340.8	5.75+04	343.1	2.64+05
670302	16560	3A	.04347	.04472	4.24+00	336.7	4.61+04	329.5	2.58+05
670302	19120	3A	.02839	.03223	3.52+00	324.9	6.49+04	325.4	1.58+05
670302	20656	3A	.02977	.02928	4.41+00	319.9	7.10+04	331.7	1.68+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670225	42804	3A	.04520	.04686	7.57+00	429.8	1.37+05	429.6	4.85+05
670225	43060	3A	.04008	.03513	8.52+00	433.2	1.28+05	433.3	5.64+05
670225	44084	3A	.03143	.03035	1.02+01	423.3	1.54+05	441.2	5.19+05
670225	44598	3A	.04006	.04021	9.27+00	424.8	1.61+05	444.3	4.17+05
670225	44852	3A	.04419	.04563	9.01+00	430.5	1.68+05	449.3	8.80+05
670225	45304	3A	.04828	.04943	9.94+00	435.4	2.08+05	463.0	5.06+05
670225	45620	3A	.04397	.04571	1.04+01	428.8	2.20+05	461.1	4.83+05
670225	45876	3A	.04551	.04749	1.07+01	430.9	2.18+05	464.4	5.18+05
670225	46132	3A	.05222	.04900	9.89+00	428.8	1.95+05	458.0	5.85+05
670225	46388	3A	.04398	.04540	1.16+01	429.7	2.12+05	463.8	5.40+05
670225	46644	3A	.03768	.04200	9.67+00	427.9	2.15+05	455.2	4.39+05
670225	46900	3A	.03972	.04239	1.01+01	428.4	2.14+05	459.6	5.26+05
670225	52788	3A	.04893	.05035	8.19+00	431.5	1.72+05	441.7	4.90+05
670225	53044	3A	.05218	.05821	8.13+00	425.4	2.14+05	442.2	4.02+05
670225	53812	3A	.04999	.14549	8.78+00	414.8	2.18+05	437.2	5.23+05
670225	54067	3A	.06223	.05957	7.33+00	418.3	2.15+05	436.8	5.44+05
670225	64307	3A	.04067	.04460	8.87+00	456.0	1.40+05	451.4	3.88+05
670225	64563	3A	.05056	.04812	5.44+00	444.1	1.43+05	444.0	4.19+05
670225	65331	3A	.03774	.05073	5.16+00	431.2	1.92+05	452.8	4.40+05
670225	65843	3A	.05855	.05213	6.10+00	453.3	1.46+05	457.8	6.45+05
670225	66099	3A	.06125	.06282	5.97+00	458.9	1.71+05	471.4	4.95+05
670225	66355	3A	.06955	.06537	5.22+00	456.3	1.57+05	459.6	4.82+05
670225	66611	3A	.06889	.06990	5.16+00	445.4	2.13+05	465.2	4.48+05
670225	66867	3A	.05758	.06200	5.38+00	441.9	1.75+05	462.1	5.32+05
670225	67123	3A	.04792	.05180	5.84+00	438.7	1.72+05	458.3	5.49+05
670225	67379	3A	.05552	.05607	6.21+00	442.2	1.65+05	450.0	5.02+05
670225	67635	3A	.04537	.04542	7.36+00	452.2	1.71+05	468.1	4.83+05
670225	67891	3A	.06428	.05945	8.97+00	448.8	1.41+05	458.4	5.12+05
670225	68659	3A	.06445	.06009	8.52+00	448.8	1.58+05	458.8	5.61+05
670225	68915	3A	.07608	.08144	6.09+00	449.8	2.01+05	474.9	5.18+05
670225	69171	3A	.06732	.06916	8.25+00	454.8	1.68+05	469.2	5.31+05
670225	69427	3A	.06611	.07365	6.59+00	441.6	2.27+05	478.4	5.58+05
670225	69683	3A	.07595	.07631	6.35+00	449.8	1.86+05	472.7	5.52+05
670225	70451	3A	.07448	.07574	6.11+00	447.3	1.69+05	472.5	5.36+05
670225	70707	3A	.06256	.06465	6.99+00	448.5	1.89+05	469.1	4.82+05
670225	70963	3A	.04520	.04887	8.04+00	464.0	1.75+05	472.2	4.63+05
670225	71219	3A	.05687	.05441	6.90+00	461.4	1.50+05	477.0	3.76+05
670225	71475	3A	.06505	.06940	8.38+00	456.0	1.84+05	472.2	4.65+05
670225	73952	3B	.05082	.05131	2.15+00	431.9	1.11+05	431.6	3.16+05
670227	1632	3B	.04501	.04471	2.33+00	481.0	6.04+04	478.6	3.46+05
670227	2912	3B	.04506	.04482	2.52+00	460.7	4.91+04	477.6	3.08+05
670227	44384	3B	.05188	.05183	2.41+00	433.9	5.51+04	430.7	2.34+05
670227	56416	3B	.04273	.04250	2.44+00	419.2	4.62+04	423.8	2.39+05
670227	71008	3B	.03900	.03950	2.98+00	416.3	7.24+04	408.2	2.50+05
670228	63377	3A	.03189	.03228	4.95+00	350.5	5.80+04	353.0	2.11+05
670228	63899	3A	.02158	.02202	7.39+00	350.4	5.72+04	349.0	1.06+05
670228	84401	3A	.03623	.03810	6.48+00	355.8	6.33+04	354.6	1.90+05
670228	85425	3A	.03503	.03477	6.08+00	354.8	5.50+04	353.1	2.05+05
670228	85937	3A	.04078	.04018	7.01+00	354.7	5.72+04	356.5	1.77+05
670301	49	3A	.03850	.03839	6.43+00	352.3	5.05+04	352.0	2.22+05
670301	561	3A	.02872	.02828	6.06+00	348.4	4.91+04	348.6	2.40+05
670301	817	3A	.03726	.03750	5.59+00	352.4	5.17+04	350.2	2.00+05
670301	1073	3A	.03305	.03309	6.09+00	353.6	5.98+04	349.0	1.84+05
670301	1329	3A	.03416	.03472	6.11+00	349.9	5.83+04	351.0	2.09+05
670301	1585	3A	.03786	.03768	5.80+00	351.4	5.60+04	348.8	2.32+05
670301	1841	3A	.03085	.02827	5.65+00	353.3	4.70+04	351.9	2.54+05
670301	2097	3A	.03643	.03466	5.54+00	353.1	5.12+04	353.7	1.87+05
670301	2353	3A	.02767	.02864	5.86+00	351.1	5.29+04	350.6	2.23+05
670301	3121	3A	.03907	.03900	5.31+00	357.0	5.49+04	358.5	2.32+05
670301	3377	3A	.02909	.02876	6.67+00	363.7	6.41+04	362.5	2.43+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670224	50612	3A	.03521	.03800	4.85+00	357.2	1.33+05	373.1	4.04+05
670224	51124	3A	.04071	.03626	4.24+00	363.2	1.01+05	383.9	5.44+05
670224	59060	3A	.03908	.04204	5.60+00	377.2	1.05+05	389.6	3.37+05
670224	59316	3A	.04216	.04561	5.19+00	375.4	1.09+05	388.6	3.36+05
670224	60084	3A	.03685	.04091	5.51+00	371.0	1.24+05	390.4	3.41+05
670224	60340	3A	.05267	.05453	5.17+00	378.3	1.04+05	391.5	3.61+05
670224	60596	3A	.04599	.05197	3.66+00	379.5	8.61+04	385.1	3.62+05
670224	61876	3A	.03852	.03534	5.49+00	376.7	9.06+04	382.5	3.88+05
670224	70324	3A	.03484	.03580	4.38+00	351.9	8.60+04	360.9	3.03+05
670224	70580	3A	.03504	.03644	3.98+00	359.6	8.89+04	362.0	2.81+05
670224	71860	3A	.03732	.03652	5.66+00	378.3	7.28+04	382.9	3.26+05
670224	72116	3A	.04197	.04291	5.75+00	379.3	8.09+04	379.2	2.60+05
670224	73140	3A	.03743	.03827	4.76+00	371.4	5.83+04	377.6	3.12+05
670224	73396	3A	.04073	.04061	4.49+00	372.7	7.41+04	375.9	2.61+05
670224	80820	3A	.02539	.02508	3.68+00	346.6	5.28+04	346.7	1.04+05
670224	81076	3A	.01613	.01633	5.13+00	354.5	5.09+04	351.1	1.49+05
670224	82612	3A	.03554	.03515	5.26+00	364.3	3.86+04	386.3	2.06+05
670224	83124	3A	.03954	.03751	4.68+00	366.1	4.04+04	383.0	3.93+05
670224	83380	3A	.04404	.04396	4.49+00	360.8	3.20+04	382.8	2.24+05
670224	83636	3A	.05097	.04791	4.48+00	372.8	3.36+04	371.4	3.90+05
670224	83892	3A	.04610	.04380	4.55+00	368.4	3.34+04	368.9	3.83+05
670224	84148	3A	.04605	.04564	4.58+00	366.6	3.51+04	366.1	2.01+05
670224	84660	3A	.04955	.04869	4.84+00	365.8	3.69+04	368.1	1.97+05
670224	84916	3A	.04037	.04026	4.83+00	364.9	3.94+04	368.0	1.89+05
670225	11060	3A	.05088	.04882	6.93+00	362.2	5.34+04	383.3	2.16+05
670225	11316	3A	.05971	.05519	8.48+00	361.7	6.06+04	383.3	2.67+05
670225	12340	3A	.06028	.05766	6.56+00	379.0	6.09+04	369.5	2.44+05
670225	12596	3A	.03715	.04119	7.19+00	391.3	9.07+04	392.7	2.71+05
670225	12852	3A	.02798	.02947	4.68+00	403.9	1.65+05	422.7	4.98+05
670225	13364	3A	.05642	.04951	4.19+00	402.6	1.28+05	415.5	5.33+05
670225	13876	3A	.04338	.04189	3.88+00	405.0	1.16+05	421.8	3.69+05
670225	14132	3A	.04310	.04313	3.97+00	402.5	1.16+05	424.7	3.73+05
670225	14388	3A	.03602	.04190	4.24+00	409.4	1.57+05	431.3	3.62+05
670225	14644	3A	.02757	.09832	5.38+00	417.9	2.11+05	448.7	5.83+05
670225	14900	3A	.04066	.03825	4.81+00	408.0	1.78+05	432.4	3.91+05
670225	23860	3A	.05471	.06781	4.55+00	446.2	2.48+05	473.1	8.02+05
670225	24116	3A	.07420	.08098	4.53+00	443.9	2.81+05	465.3	5.51+05
670225	24372	3A	.05316	.12481	4.57+00	450.9	2.83+05	476.3	5.55+05
670225	24884	3A	.07819	.08523	4.50+00	447.0	2.78+05	485.7	5.52+05
670225	25396	3A	.05134	.21243	4.17+00	442.5	3.15+05	461.1	4.82+05
670225	31284	3A	.05290	.05558	5.62+00	425.0	1.93+05	441.4	4.84+05
670225	31540	3A	.04586	.04776	5.60+00	423.7	2.05+05	438.6	5.00+05
670225	32308	3A	.04253	.09091	6.23+00	418.9	2.06+05	439.0	5.57+05
670225	32564	3A	.04610	.04945	4.68+00	427.2	2.12+05	451.4	4.25+05
670225	32820	3A	.03557	.03710	5.22+00	428.3	2.01+05	453.7	4.84+05
670225	33076	3A	.06266	.06643	5.05+00	434.1	1.79+05	442.0	4.77+05
670225	33332	3A	.04635	.05052	6.23+00	428.7	2.46+05	441.8	4.98+05
670225	33686	3A	.06095	.13286	5.19+00	427.3	1.99+05	442.6	6.34+05
670225	33844	3A	.06407	.07180	5.87+00	423.5	1.89+05	433.1	5.72+05
670225	34100	3A	.06597	.07363	5.14+00	427.7	1.85+05	434.6	5.30+05
670225	34356	3A	.03851	.04124	5.46+00	425.9	2.22+05	451.7	4.27+05
670225	34612	3A	.05702	.06159	5.17+00	423.2	2.06+05	445.7	6.06+05
670225	35124	3A	.06365	.07283	5.37+00	424.4	2.01+05	434.6	5.13+05
670225	35380	3A	.05347	.05757	5.41+00	424.5	2.06+05	440.2	4.33+05
670225	35636	3A	.05362	.06054	4.91+00	420.1	2.14+05	445.1	5.10+05
670225	35892	3A	.05385	.04927	5.22+00	424.7	1.87+05	430.3	4.69+05
670225	36148	3A	.05664	.05130	4.82+00	426.6	2.15+05	444.3	4.95+05
670225	36404	3A	.06479	.05356	4.73+00	430.5	2.05+05	442.7	5.48+05
670225	36660	3A	.04064	.04398	5.28+00	427.3	2.22+05	456.1	4.73+05
670225	42548	3A	.04767	.03905	7.33+00	433.3	1.88+05	440.5	4.88+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
670222	63423	3B	.03519	.03557	4.67+00	304.6	3.82+04	308.9	7.98+04
670222	63679	3B	.01428	.01422	1.42+01	308.8	2.95+04	309.2	9.21+04
670222	63935	3B	.01398	.01411	1.25+01	312.6	3.45+04	311.0	1.38+05
670222	64191	3B	.02022	.01896	1.11+01	310.9	3.78+04	311.2	1.24+05
670222	64447	3B	.01364	.01360	1.54+01	308.4	2.68+04	314.1	1.45+05
670222	64703	3B	.02014	.02012	1.08+01	311.2	4.16+04	311.8	1.33+05
670222	64959	3B	.02143	.02126	6.95+00	306.5	5.39+04	305.9	1.41+05
670222	65727	3B	.01568	.01741	7.46+00	312.3	5.54+04	308.7	1.55+05
670222	65983	3B	.01611	.01519	6.88+00	316.9	4.99+04	313.9	1.34+05
670223	11615	3B	.01957	.01941	9.51+00	343.7	9.88+04	348.7	2.29+05
670223	11871	3B	.02528	.02568	9.45+00	339.8	7.23+04	343.2	2.92+05
670223	12127	3B	.02792	.02853	9.80+00	339.7	7.42+04	340.2	2.83+05
670223	12383	3B	.02780	.02792	1.01+01	336.8	7.49+04	338.4	2.44+05
670223	12639	3B	.02641	.02586	1.04+01	336.3	7.58+04	335.9	2.42+05
670223	12895	3B	.02580	.02480	1.04+01	335.0	7.20+04	336.6	2.70+05
670223	13151	3B	.02554	.02438	1.02+01	334.4	7.28+04	337.1	2.75+05
670223	13407	3B	.02250	.02251	8.91+00	335.1	7.49+04	342.3	2.62+05
670223	13663	3B	.02287	.02261	1.09+01	337.5	7.51+04	338.0	2.92+05
670223	13919	3B	.02394	.01871	1.14+01	338.6	8.38+04	339.5	2.96+03
670223	22367	3B	.02942	.02824	8.40+00	337.4	8.64+04	333.6	2.26+05
670223	22623	3B	.02849	.02355	7.30+00	347.9	9.40+04	341.4	2.64+05
670223	23391	3B	.03048	.03136	8.33+00	340.6	1.03+05	351.6	2.86+05
670223	23647	3B	.03396	.03323	8.59+00	341.8	1.02+05	351.4	2.84+05
670223	23903	3B	.03179	.03139	9.30+00	339.9	9.92+04	353.0	2.66+05
670223	24159	3B	.04338	.03932	8.15+00	338.0	8.85+04	348.3	2.66+05
670223	24415	3B	.03990	.03994	8.49+00	335.9	8.20+04	345.2	2.97+05
670223	24671	3B	.03236	.03485	9.54+00	336.1	8.33+04	345.6	3.01+05
670223	24927	3B	.02832	.03372	9.04+00	336.3	8.19+04	348.8	2.47+05
670223	25183	3B	.03367	.03456	8.86+00	334.2	7.53+04	343.8	2.72+05
670223	25439	3B	.03357	.03639	9.48+00	335.9	8.30+04	344.6	2.47+05
670223	25695	3B	.03679	.02854	9.23+00	338.1	7.94+04	337.7	2.43+05
670223	33887	3B	.03436	.03547	1.78+01	376.3	1.36+05	384.1	3.58+05
670223	34143	3B	.03337	.03490	1.68+01	377.2	1.50+05	384.5	3.49+05
670223	34399	3B	.02907	.03048	1.60+01	376.3	1.32+05	382.1	3.19+05
670223	34655	3B	.02841	.02993	1.64+01	376.1	1.29+05	385.0	3.48+05
670223	35423	3B	.03002	.03135	1.77+01	372.3	1.18+05	386.1	3.20+05
670223	36191	3B	.02281	.02491	1.59+01	373.0	8.92+04	377.1	3.10+05
670223	36447	3B	.02173	.02004	1.55+01	376.0	8.56+04	373.9	2.46+05
670223	44639	3B	.01225	.01235	2.18+01	365.2	5.73+04	367.4	1.52+05
670223	47711	3B	.01954	.02068	9.09+00	360.0	8.70+04	367.2	1.76+05
670224	31668	3A	.05644	.06065	1.89+00	384.6	9.13+04	388.0	2.82+05
670224	31924	3A	.06782	.07056	2.72+00	365.3	1.13+05	372.0	5.00+05
670224	33460	3A	.04249	.04812	3.71+00	378.3	9.95+04	390.1	2.93+05
670224	34228	3A	.04428	.04461	3.34+00	378.6	1.27+05	396.1	3.00+05
670224	34740	3A	.04042	.04299	4.50+00	361.6	1.33+05	384.8	3.47+05
670224	34996	3A	.03691	.05110	3.43+00	376.0	1.35+05	395.5	2.96+05
670224	35252	3A	.00081	.05449	3.62+00	374.6	1.32+05	365.8	2.46+04
670224	44980	3A	.02725	.03108	3.50+00	369.8	1.16+05	386.7	3.60+05
670224	46260	3A	.04117	.03986	5.22+00	371.8	1.00+05	376.4	2.47+05
670224	46516	3A	.04485	.04592	4.32+00	375.6	5.17+04	379.5	2.87+05
670224	46772	3A	.05296	.05308	4.06+00	376.4	4.88+04	375.7	3.19+05
670224	47028	3A	.04269	.04339	4.35+00	378.7	5.00+04	378.0	2.82+05
670224	47284	3A	.04846	.04920	4.36+00	374.7	5.01+04	373.0	3.25+05
670224	47540	3A	.04766	.04860	4.14+00	375.9	5.29+04	379.3	2.42+05
670224	47796	3A	.04661	.04594	4.48+00	373.2	6.20+04	375.3	2.64+05
670224	48052	3A	.04671	.04084	5.29+00	370.5	6.97+04	375.6	3.41+05
670224	48308	3A	.03973	.04030	3.68+00	357.9	7.40+04	374.9	3.44+05
670224	48564	3A	.02168	.02092	5.37+00	352.6	1.04+05	353.2	2.59+05
670224	48820	3A	.02810	.03039	5.64+00	368.0	1.13+05	384.5	3.10+05
670224	49076	3A	.03996	.03625	5.75+00	364.4	1.02+05	375.2	3.36+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670220	32695	3A	.01037	.01065	3.92+00	397.1	5.48+04	402.1	4.20+05
670220	32951	3A	.01119	.01140	3.83+00	394.0	4.22+04	385.2	4.55+05
670220	33719	3A	.00976	.00979	3.72+00	391.1	5.57+04	396.4	4.26+05
670220	33975	3A	.01774	.01714	6.92+00	386.3	7.64+04	385.9	3.05+05
670220	34231	3A	.02029	.02017	6.94+00	386.7	7.15+04	386.6	2.15+05
670220	34487	3A	.02086	.02076	6.52+00	385.8	7.56+04	386.3	2.35+05
670220	34743	3A	.01648	.01638	6.74+00	387.1	6.96+04	387.9	2.42+05
670220	34999	3A	.01343	.01384	6.62+00	387.7	7.07+04	389.7	2.14+05
670220	35255	3A	.01188	.01214	6.52+00	387.9	7.02+04	390.8	2.68+05
670220	35511	3A	.02007	.02050	5.89+00	387.0	7.58+04	388.6	2.51+05
670220	35767	3A	.01908	.01714	5.98+00	384.5	7.04+04	381.2	3.90+05
670220	36023	3A	.02105	.01973	5.78+00	384.9	6.76+04	383.0	3.02+05
670220	36343	3A	.00708	.00637	4.78+00	380.0	6.88+04	367.4	1.33+05
670220	36687	3A	.01131	.01112	4.87+00	383.3	7.37+04	385.1	2.66+05
670220	36839	3A	.00648	.00649	3.87+00	373.4	7.93+04	388.5	4.23+05
670220	71607	3A	.00597	.00572	3.79+00	378.9	6.11+04	396.7	2.90+05
670220	71863	3A	.00518	.00480	3.61+00	383.4	6.30+04	397.8	3.69+05
670220	72119	3A	.00467	.00450	4.01+00	382.6	7.23+04	408.4	2.24+05
670220	72375	3A	.00577	.00546	3.88+00	379.5	5.95+04	409.6	8.09+05
670220	72631	3A	.00572	.00543	4.28+00	379.0	6.36+04	382.4	4.36+05
670220	72887	3A	.00624	.00643	4.28+00	382.0	7.44+04	401.6	6.50+05
670220	73143	3A	.00453	.00448	4.49+00	384.4	7.00+04	380.6	2.74+05
670220	73399	3A	.00400	.00695	4.47+00	389.3	6.47+04	390.0	2.74+05
670220	73655	3A	.00513	.00485	4.89+00	378.0	6.55+04	395.2	2.77+05
670220	73911	3A	.00488	.00334	4.98+00	373.6	6.78+04	401.1	1.10+06
670220	74167	3A	.00458	.00432	3.73+00	372.4	5.54+04	374.6	2.14+05
670221	9783	3A	.02693	.02672	5.38+00	356.3	2.53+04	356.5	1.29+05
670221	10295	3A	.00700	.00690	6.43+00	331.1	3.01+04	335.9	8.02+04
670222	29662	3B	.00841	.00881	4.41+00	322.7	5.58+04	327.8	1.27+05
670222	29918	3B	.01478	.01250	3.98+00	327.7	4.78+04	325.5	2.88+05
670222	30174	3B	.01035	.00981	4.08+00	327.1	5.27+04	328.8	2.12+05
670222	30686	3B	.01114	.00842	4.54+00	327.4	4.78+04	319.4	1.99+05
670222	30942	3B	.00780	.00715	4.46+00	328.3	5.29+04	340.2	2.28+05
670222	31198	3B	.00568	.00561	5.09+00	326.6	4.43+04	328.0	9.24+04
670222	31454	3B	.00997	.01017	5.02+00	338.9	4.19+04	338.6	2.28+05
670222	31710	3B	.00436	.00394	6.10+00	336.0	3.87+04	333.6	3.19+05
670222	31966	3B	.00621	.00624	5.84+00	334.1	3.14+04	328.8	2.21+05
670222	32222	3B	.00567	.00469	5.94+00	335.0	3.67+04	327.1	2.12+05
670222	32734	3B	.00964	.01053	5.88+00	338.3	3.45+04	341.8	1.45+05
670222	32990	3B	.00658	.00658	4.91+00	332.5	3.87+04	335.1	2.34+05
670222	33246	3B	.01044	.00985	5.10+00	335.6	4.12+04	332.3	2.48+05
670222	33502	3B	.00752	.00722	4.56+00	336.2	4.49+04	340.4	1.57+05
670222	33758	3B	.01582	.01507	4.21+00	336.7	4.63+04	348.8	2.68+05
670222	70366	3B	.00741	.00749	9.72+00	320.4	2.92+04	306.5	1.93+05
670222	70623	3B	.00246	.00233	1.18+01	317.5	2.62+04	314.7	1.57+05
670222	70878	3B	.00454	.00447	1.10+01	315.5	3.12+04	311.9	5.78+04
670222	71391	3B	.00269	.00268	1.59+01	314.1	2.24+04	304.5	8.51+04
670222	71647	3B	.00224	.00214	1.54+01	314.5	2.21+04	316.2	1.77+05
670222	71903	3B	.00311	.00314	1.38+01	317.1	2.34+04	316.7	2.10+05
670222	72156	3B	.00253	.00250	1.27+01	317.3	2.24+04	320.8	1.28+05
670222	72670	3B	.00298	.00292	1.28+01	315.1	2.27+04	321.9	2.21+05
670222	72927	3B	.00307	.00300	1.30+01	314.8	2.35+04	321.0	1.63+05
670222	73183	3B	.00286	.00285	1.38+01	313.0	2.45+04	317.0	1.57+05
670222	73439	3B	.00248	.00249	1.46+01	313.2	2.33+04	320.5	3.01+05
670222	73695	3B	.00185	.00182	1.61+01	312.4	2.23+04	319.7	1.52+05
670222	73950	3B	.00237	.00237	1.46+01	311.6	2.29+04	330.7	2.62+05
670222	74207	3B	.00348	.00351	1.48+01	308.5	2.70+04	306.7	2.11+05
670222	82399	3B	.01075	.01065	1.46+01	309.0	2.43+04	310.7	6.83+04
670222	82655	3B	.01259	.01257	1.31+01	309.5	2.33+04	309.6	7.49+04
670222	82911	3B	.01131	.01118	1.21+01	307.2	2.32+04	310.0	5.98+04

DATE	TIME	AD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670217	84829	3B	.02595	.02632	2.03+00	459.4	7.67+04	461.2	5.39+05
670217	85085	3B	.02557	.02515	2.00+00	465.4	7.91+04	466.5	4.39+05
670217	85597	3B	.02542	.02372	2.13+00	459.5	9.16+04	463.2	5.94+05
670217	85853	3B	.02215	.02069	1.89+00	460.0	8.35+04	462.9	6.01+05
670217	86109	3B	.02660	.02714	2.02+00	455.6	8.86+04	467.4	6.51+05
670217	86365	3B	.02942	.02932	2.08+00	452.9	9.16+04	479.1	6.84+05
670216	221	3B	.03049	.02634	2.03+00	448.3	8.93+04	458.0	7.76+05
670216	477	3B	.02192	.02097	2.06+00	449.6	8.92+04	462.2	4.42+05
670216	733	3B	.01268	.01318	4.84+00	426.1	2.20+05	475.7	5.72+05
670219	56688	3A	.02655	.02528	0.43+00	402.1	5.30+04	402.1	2.35+05
670219	57144	3A	.03677	.03668	7.63+00	420.0	5.15+04	412.3	1.60+05
670219	57400	3A	.03624	.03508	7.38+00	423.9	5.00+04	423.1	1.82+05
670219	57912	3A	.04679	.04668	6.89+00	420.4	4.53+04	418.3	1.46+05
670219	58168	3A	.03434	.03392	6.58+00	425.7	4.64+04	425.0	1.64+05
670219	58424	3A	.05664	.05583	6.32+00	417.4	3.70+04	419.8	1.36+05
670219	58936	3A	.06045	.05964	6.73+00	418.4	3.93+04	417.9	1.48+05
670219	59192	3A	.05587	.05565	7.59+00	416.6	4.14+04	419.4	1.43+05
670219	59448	3A	.05518	.05500	5.27+00	417.1	3.83+04	418.4	1.27+05
670219	59704	3A	.05302	.05305	6.52+00	418.0	4.95+04	418.4	1.36+05
670219	59960	3A	.05554	.05508	6.58+00	417.4	5.16+04	415.7	1.94+05
670219	60216	3A	.04933	.04922	6.49+00	417.8	4.92+04	419.1	1.70+05
670219	60472	3A	.05006	.05000	6.17+00	416.4	5.68+04	417.3	2.28+05
670219	60728	3A	.04758	.04634	5.46+00	416.5	5.06+04	414.6	2.49+05
670219	60984	3A	.04420	.04378	5.90+00	412.9	6.21+04	413.0	2.29+05
670219	61240	3A	.01957	.01951	6.20+00	410.2	4.62+04	406.2	2.00+05
670219	80952	3A	.01561	.00509	2.74+00	373.0	1.05+05	373.3	4.07+05
670219	81720	3A	.00964	.01448	3.94+00	371.9	1.02+05	388.4	3.37+05
670219	82744	3A	.01879	.05143	2.87+00	371.5	7.24+04	376.9	3.11+05
670219	83000	3A	.02392	.02026	2.80+00	369.6	7.26+04	363.9	2.13+05
670219	83512	3A	.01927	.05465	2.45+00	368.1	7.58+04	372.6	2.84+05
670219	84024	3A	.01234	.02267	2.45+00	369.3	1.05+05	380.8	2.06+05
670219	84536	3A	.02085	.02144	3.08+00	373.5	8.27+04	365.4	2.28+05
670219	85560	3A	.01967	.02054	2.58+00	388.1	6.00+04	393.1	5.45+05
670219	85816	3A	.01534	.01499	2.72+00	385.9	7.42+04	401.2	4.14+05
670220	8376	3A	.02599	.02709	2.79+00	376.9	8.33+04	388.1	3.28+05
670220	9144	3A	.00709	.02201	2.62+00	371.6	1.19+05	400.3	1.81+05
670220	9912	3A	.02556	.02406	2.97+00	359.0	8.83+04	380.2	3.13+05
670220	10935	3A	.02679	.02685	3.05+00	367.0	7.42+04	370.7	3.64+05
670220	11192	3A	.02560	.02070	2.84+00	367.5	7.56+04	369.3	3.66+05
670220	11447	3A	.03363	.03761	2.80+00	364.2	7.69+04	371.1	4.48+05
670220	11959	3A	.03652	.03810	3.12+00	369.4	8.74+04	369.6	2.31+05
670220	12215	3A	.02674	.02846	3.04+00	373.8	7.76+04	381.9	3.88+05
670220	12472	3A	.02528	.02481	3.04+00	389.9	7.24+04	384.1	2.72+05
670220	12727	3A	.02242	.02302	3.00+00	391.9	7.92+04	394.4	4.27+05
670220	12983	3A	.02335	.02004	3.16+00	383.1	8.05+04	393.1	3.65+05
670220	20663	3A	.01266	.01244	4.56+00	395.4	7.97+04	407.7	4.02+05
670220	20919	3A	.01235	.01251	4.81+00	397.4	8.74+04	410.5	2.98+05
670220	21687	3A	.01087	.01031	5.80+00	398.8	8.99+04	402.2	4.14+05
670220	21943	3A	.01248	.01260	5.40+00	399.9	9.77+04	412.3	4.51+05
670220	22199	3A	.01118	.01134	6.01+00	397.5	8.83+04	411.1	4.46+05
670220	22455	3A	.00646	.00649	6.53+00	400.0	9.76+04	402.0	2.95+05
670220	22711	3A	.01599	.01577	4.95+00	408.4	1.06+05	410.9	5.04+05
670220	22967	3A	.01018	.00974	5.18+00	410.7	1.04+05	420.2	4.43+05
670220	23223	3A	.01676	.01605	4.56+00	399.0	8.44+04	405.0	3.99+05
670220	23479	3A	.01511	.01523	4.20+00	396.4	9.81+04	405.3	3.78+05
670220	23735	3A	.02085	.02316	4.16+00	392.0	9.01+04	401.7	4.58+05
670220	23991	3A	.01359	.01319	4.73+00	386.6	1.06+05	401.1	4.19+05
670220	24247	3A	.01582	.01539	4.36+00	392.3	9.40+04	405.6	4.29+05
670220	24503	3A	.01507	.01663	4.80+00	388.5	1.03+05	403.6	4.90+05
670220	24759	3A	.01297	.01319	5.62+00	380.3	9.42+04	393.4	3.89+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670216	23738	3A	.01518	.05770	2.39+01	491.7	3.44+05	528.0	7.96+05
670216	34746	3A	.22075	.20931	1.36+01	608.1	1.54+05	606.0	5.54+05
670216	34746	3A	.22075	.20931	1.36+01	608.1	1.54+05	606.0	5.54+05
670216	35002	3A	.12920	.12904	1.54+01	613.3	2.74+05	607.7	5.62+05
670216	35002	3A	.12920	.12904	1.54+01	613.3	2.74+05	607.7	5.62+05
670216	35258	3A	.04823	.04860	1.72+01	586.4	3.28+05	601.2	8.30+05
670216	35770	3A	.03863	.08825	1.75+01	598.7	4.04+05	622.4	1.09+06
670216	35770	3A	.03963	.08825	1.75+01	598.7	4.04+05	622.4	1.09+06
670216	36026	3A	.09680	.08948	1.35+01	618.6	2.99+05	615.6	9.56+05
670216	36026	3A	.13603	.14933	8.26+00	618.6	4.74+05	625.0	8.11+05
670216	36282	3A	.05572	.05520	1.23+01	621.0	4.48+05	641.2	9.26+05
670216	36282	3A	.05572	.05520	1.23+01	621.0	4.48+05	641.2	9.26+05
670216	36538	3A	.02055	.07445	1.28+01	630.6	5.55+05	683.3	1.05+06
670216	36538	3A	.02055	.07445	1.28+01	630.6	5.55+05	683.3	1.05+06
670216	36794	3A	.02970	.13503	1.89+01	623.1	5.50+05	676.1	1.05+06
670216	36794	3A	.03022	.13620	1.89+01	623.1	5.50+05	677.9	1.20+06
670216	37306	3A	.05178	.05730	9.61+00	620.0	3.28+05	640.4	1.18+06
670216	37306	3A	.05178	.05730	9.61+00	620.0	3.28+05	640.4	1.18+06
670216	47546	3A	.06148	.06186	9.29+00	622.0	2.52+05	655.3	1.15+06
670216	48058	3A	.09649	.09765	1.84+01	652.0	2.15+05	654.0	7.95+05
670216	48058	3A	.09649	.09765	1.84+01	652.0	2.15+05	654.0	7.95+05
670216	48570	3A	.06882	.06878	1.11+01	667.2	1.92+05	676.8	7.55+05
670216	48570	3A	.06662	.06878	1.11+01	667.2	1.92+05	676.8	7.55+05
670216	49082	3A	.05462	.05373	6.93+00	656.4	1.84+05	668.2	8.08+05
670216	49082	3A	.05462	.05373	6.93+00	656.4	1.84+05	668.2	8.08+05
670217	32349	3B	.02230	.02150	3.21+00	379.3	9.08+04	404.9	5.02+05
670217	32605	3B	.05558	.05509	3.73+00	473.2	5.33+04	471.7	2.33+05
670217	39773	3B	.12200	.12242	2.01+00	451.4	6.23+04	474.7	1.41+05
670217	40797	3B	.11093	.11111	2.29+00	464.6	4.66+04	472.5	1.51+05
670217	41821	3B	.11339	.11456	2.31+00	455.6	6.60+04	463.5	2.64+05
670217	42845	3B	.08904	.08907	3.71+00	461.6	6.16+04	467.0	3.22+05
670217	43613	3B	.09567	.09646	2.63+00	452.6	4.50+04	454.5	2.24+05
670217	61277	3B	.03286	.03478	3.38+00	454.6	1.26+05	472.4	4.94+05
670217	62045	3B	.06325	.06177	2.37+00	452.9	9.56+04	451.2	9.47+05
670217	62301	3B	.03984	.04112	2.09+00	463.6	9.07+04	472.3	5.49+05
670217	62557	3B	.04725	.04522	2.03+00	464.6	1.07+05	472.6	7.36+05
670217	62813	3B	.03428	.03225	3.15+00	457.5	1.20+05	463.9	5.55+05
670217	63069	3B	.04075	.04067	2.71+00	459.2	1.46+05	472.4	6.28+05
670217	63325	3B	.03526	.03616	2.36+00	477.6	1.01+05	482.3	7.48+05
670217	63581	3B	.04274	.04275	2.42+00	475.8	1.17+05	482.4	7.35+05
670217	63837	3B	.03746	.03854	3.15+00	464.2	1.07+05	477.4	5.03+05
670217	64093	3B	.03494	.03889	2.92+00	465.3	1.15+05	475.6	4.23+05
670217	64349	3B	.04114	.04367	2.85+00	466.3	1.33+05	474.8	4.86+05
670217	69213	3B	.03604	.04062	2.26+00	459.2	1.22+05	483.1	5.89+05
670217	70493	3B	.05103	.04663	2.33+00	462.6	1.18+05	463.6	6.95+05
670217	70749	3B	.02883	.02926	2.52+00	456.4	1.21+05	473.6	5.41+05
670217	80733	3B	.03305	.03439	1.63+00	457.7	9.46+04	482.7	8.91+05
670217	80989	3B	.03009	.03022	2.02+00	467.5	9.41+04	473.5	5.23+05
670217	81501	3B	.03288	.03235	2.11+00	466.3	1.05+05	469.3	4.92+05
670217	81757	3B	.02059	.02737	2.03+00	461.1	9.51+04	471.4	7.69+05
670217	82013	3B	.03373	.03274	1.87+00	465.3	9.13+04	468.0	6.25+05
670217	82269	3B	.02657	.02531	2.28+00	467.1	8.86+04	467.0	5.85+05
670217	82525	3B	.02673	.02686	2.03+00	463.1	9.14+04	463.9	6.00+05
670217	82781	3B	.01971	.01956	2.10+00	463.3	9.72+04	467.8	5.00+05
670217	83037	3B	.02769	.02682	2.47+00	468.5	1.08+05	469.2	6.53+05
670217	83549	3B	.02810	.02897	2.28+00	456.2	8.34+04	465.7	5.41+05
670217	83805	3B	.02543	.02479	2.57+00	474.2	1.08+05	464.7	4.88+05
670217	84061	3B	.02171	.02252	2.18+00	464.6	1.55+05	475.9	5.79+05
670217	84317	3B	.02061	.02058	2.06+00	473.4	8.22+04	468.2	4.58+05
670217	84573	3B	.02758	.02762	1.91+00	462.4	7.78+04	471.1	6.89+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670215	40251	3A	.06894	.06710	7.16+00	289.9	3.95+04	283.6	1.20+05
670215	40507	3A	.07002	.06911	7.34+00	291.0	3.84+04	285.9	1.22+05
670215	41019	3A	.06611	.06645	7.09+00	289.0	4.08+04	284.9	0.74+04
670215	41275	3A	.06481	.06765	7.52+00	293.6	4.97+04	290.1	1.29+05
670215	41531	3A	.06348	.06709	6.25+00	295.6	4.51+04	293.7	1.32+05
670215	41787	3A	.08134	.07767	6.39+00	290.7	3.86+04	286.3	1.21+05
670215	42043	3A	.07427	.07402	6.77+00	289.3	4.05+04	286.0	1.12+05
670215	42299	3A	.07904	.07815	7.13+00	292.2	4.40+04	286.7	1.18+05
670215	42555	3A	.06919	.07122	7.40+00	295.1	4.52+04	291.9	1.27+05
670215	42811	3A	.06156	.06425	7.40+00	294.5	4.48+04	292.7	1.26+05
670215	43067	3A	.07121	.07195	6.87+00	294.6	4.37+04	292.5	1.19+05
670215	43323	3A	.06145	.05891	7.25+00	294.9	4.43+04	292.7	1.15+05
670215	43579	3A	.07646	.07962	7.27+00	297.8	4.18+04	290.8	1.27+05
670215	43835	3A	.06782	.06811	6.51+00	291.3	4.01+04	290.7	1.35+05
670215	44347	3A	.07225	.07300	6.85+00	291.7	4.25+04	288.0	1.13+05
670215	52282	3A	.05017	.04973	5.87+00	294.0	3.16+04	293.1	7.86+04
670215	52538	3A	.05718	.04922	5.65+00	293.7	3.01+04	287.6	1.52+05
670215	53051	3A	.03845	.03837	6.29+00	297.7	2.91+04	297.3	7.65+04
670215	53306	3A	.04199	.04027	6.32+00	294.7	3.22+04	297.3	1.16+05
670215	53562	3A	.04504	.04316	5.73+00	297.6	3.16+04	296.0	7.83+04
670215	53818	3A	.03651	.03653	5.71+00	289.1	3.26+04	301.1	8.81+04
670215	64074	3A	.04544	.04555	5.34+00	297.3	3.32+04	298.7	6.52+04
670215	64330	3A	.04209	.04168	5.74+00	295.9	3.10+04	294.4	7.25+04
670215	64586	3A	.05135	.04450	5.93+00	293.8	3.02+04	288.1	1.63+05
670215	64842	3A	.04613	.04349	6.06+00	292.5	3.21+04	290.6	1.06+05
670215	65098	3A	.05412	.05086	5.78+00	292.9	3.13+04	291.1	1.05+05
670215	65354	3A	.05630	.05214	5.62+00	293.7	3.18+04	288.2	7.91+04
670215	66106	3A	.01398	.01253	7.57+00	287.0	3.21+04	286.6	1.42+05
670215	67130	3A	.01016	.01021	6.72+00	283.9	2.81+04	284.8	1.04+05
670215	67386	3A	.01103	.01068	7.16+00	281.7	2.86+04	280.3	1.17+05
670215	67642	3A	.01119	.01151	6.54+00	279.6	2.87+04	284.7	9.14+04
670215	67896	3A	.01053	.01063	6.69+00	281.6	2.86+04	285.8	1.02+05
670215	68410	3A	.00673	.00676	6.14+00	283.3	2.71+04	285.8	9.91+04
670215	61466	3A	.00574	.01081	8.02+00	279.5	3.78+04	280.5	1.07+05
670215	62234	3A	.00800	.00824	8.73+00	282.5	3.66+04	280.0	2.08+05
670215	62746	3A	.00620	.00660	7.68+00	275.6	2.57+04	277.8	1.12+05
670215	63002	3A	.00878	.00954	8.27+00	279.4	3.42+04	275.2	2.88+04
670215	64282	3A	.00415	.00530	8.76+00	261.5	5.71+04	268.8	1.63+05
670216	10682	3A	.02992	.08401	2.44+01	411.0	2.08+05	418.0	4.14+05
670216	10682	3A	.02992	.08401	2.44+01	411.0	2.08+05	418.0	4.14+05
670216	10938	3A	.03174	.09966	2.50+01	411.4	2.40+05	420.0	3.99+05
670216	10938	3A	.03174	.09966	2.50+01	411.4	2.40+05	420.0	3.99+05
670216	11450	3A	.03526	.09439	2.04+01	412.7	2.23+05	419.8	4.05+05
670216	11706	3A	.03670	.09826	2.10+01	403.2	2.29+05	423.9	5.39+05
670216	11962	3A	.03692	.10310	2.11+01	404.8	2.02+05	429.3	5.61+05
670216	12218	3A	.03696	.09842	2.15+01	401.7	2.25+05	423.5	5.35+05
670216	12474	3A	.03479	.10267	2.04+01	402.2	2.45+05	427.1	7.06+05
670216	12474	3A	.03479	.10267	2.04+01	402.2	2.45+05	427.1	7.06+05
670216	12730	3A	.02746	.09810	1.97+01	404.3	2.84+05	428.3	5.76+05
670216	12986	3A	.02792	.08767	1.77+01	414.7	2.95+05	440.3	6.04+05
670216	13242	3A	.02946	.12168	1.66+01	414.6	2.89+05	442.6	6.69+05
670216	13498	3A	.02907	.07828	2.06+01	400.7	2.37+05	423.7	5.16+05
670216	13498	3A	.02907	.07828	2.06+01	400.7	2.37+05	423.7	5.16+05
670216	13754	3A	.02438	.06707	2.23+01	407.3	1.96+05	419.1	4.00+05
670216	14010	3A	.02140	.05859	2.50+01	394.2	2.13+05	418.1	4.80+05
670216	14010	3A	.02140	.05859	2.50+01	394.2	2.13+05	418.1	4.80+05
670216	22202	3A	.01548	.04604	1.53+01	447.9	3.90+05	496.4	1.03+06
670216	23226	3A	.01924	.07345	3.07+01	471.4	3.44+05	504.9	9.40+05
670216	23482	3A	.00768	.03304	2.11+01	469.3	4.01+05	532.0	6.31+05
670216	23738	3A	.01518	.05770	2.39+01	491.7	3.44+05	528.0	7.96+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670214	61063	3A	.02321	.02166	7.10+00	322.2	2.52+04	314.6	1.49+05
670214	61330	3A	.02361	.02411	5.92+00	315.8	2.93+04	316.4	1.29+05
670214	61595	3A	.02477	.02468	6.03+00	316.7	2.93+04	320.7	1.21+05
670214	61651	3A	.03420	.03391	6.29+00	316.7	2.94+04	320.3	1.28+05
670214	62107	3A	.02717	.02719	6.14+00	316.8	2.99+04	321.0	1.37+05
670214	62363	3A	.02129	.02026	5.81+00	322.0	2.50+04	318.9	1.34+05
670215	7227	3A	.06344	.06317	7.58+00	324.5	3.14+04	325.5	7.80+04
670215	7995	3A	.04962	.04949	6.87+00	323.2	3.06+04	324.5	6.08+04
670215	8251	3A	.07399	.07195	6.58+00	323.7	3.94+04	323.2	1.24+05
670215	8507	3A	.07959	.07897	6.17+00	322.3	4.13+04	324.3	1.01+05
670215	8763	3A	.09150	.08636	5.64+00	322.1	4.11+04	323.4	1.19+05
670215	9019	3A	.08296	.07984	5.92+00	324.1	4.15+04	322.9	1.35+05
670215	9275	3A	.09229	.08790	5.74+00	324.5	3.69+04	323.6	1.15+05
670215	9531	3A	.08204	.08150	5.50+00	325.2	3.76+04	326.0	1.01+05
670215	9787	3A	.10234	.10176	4.41+00	314.9	2.68+04	325.7	1.57+05
670215	10043	3A	.06204	.06147	4.41+00	317.8	3.28+04	316.2	1.32+05
670215	10299	3A	.02038	.02007	7.99+00	324.0	5.41+04	322.6	1.24+05
670215	10555	3A	.07942	.07699	5.48+00	317.3	3.84+04	322.3	9.55+04
670215	18235	3A	.05790	.05812	6.33+00	315.6	3.15+04	315.2	9.21+04
670215	18491	3A	.05394	.05240	5.70+00	316.3	3.43+04	314.0	9.60+04
670215	19003	3A	.05589	.05608	6.60+00	314.9	3.10+04	314.3	1.09+05
670215	19250	3A	.05148	.05184	6.49+00	314.0	3.34+04	314.3	1.16+05
670215	19515	3A	.05849	.05879	6.41+00	313.9	3.26+04	313.6	1.03+05
670215	19771	3A	.06780	.06856	5.86+00	314.3	3.19+04	313.4	9.40+04
670215	20027	3A	.05849	.05842	6.27+00	313.1	3.18+04	311.4	9.95+04
670215	20283	3A	.05341	.05340	6.17+00	314.1	3.14+04	314.5	1.06+05
670215	20539	3A	.05557	.05566	6.20+00	313.8	3.09+04	314.7	8.38+04
670215	20795	3A	.05058	.05062	7.37+00	312.8	3.39+04	313.7	9.06+04
670215	21051	3A	.06446	.06301	5.85+00	309.7	3.52+04	308.9	1.16+05
670215	21307	3A	.06784	.06626	6.22+00	310.0	3.41+04	307.6	1.01+05
670215	21563	3A	.06815	.06789	6.12+00	313.2	3.04+04	310.4	1.04+05
670215	21819	3A	.05602	.05489	6.46+00	312.9	3.06+04	311.3	9.84+04
670215	22075	3A	.07706	.07777	6.10+00	308.9	3.86+04	314.4	1.21+05
670215	31959	3A	.07828	.07779	6.40+00	304.0	4.21+04	303.1	1.17+05
670215	32315	3A	.05086	.05092	7.00+00	298.5	4.71+04	304.0	9.00+04
670215	32571	3A	.05991	.05925	6.87+00	303.4	4.37+04	302.4	1.40+05
670215	33063	3A	.06784	.06727	6.82+00	304.2	4.23+04	303.6	1.19+05
670215	33595	3A	.06957	.06915	6.78+00	307.2	4.43+04	307.5	1.11+05
670215	33851	3A	.06730	.06681	6.87+00	304.9	4.36+04	305.6	1.05+05
670215	34107	3A	.07316	.07191	6.22+00	299.8	4.58+04	300.2	1.35+05
670215	34363	3A	.08275	.08174	6.97+00	302.6	4.43+04	301.3	1.12+05
670215	34619	3A	.07313	.07323	7.07+00	302.7	4.68+04	302.7	1.20+05
670215	34875	3A	.08186	.07681	6.51+00	299.1	4.21+04	298.7	1.42+05
670215	35387	3A	.05709	.05486	6.62+00	295.8	4.13+04	294.0	1.13+05
670215	35643	3A	.05795	.05713	6.83+00	296.1	4.08+04	294.7	1.01+05
670215	35899	3A	.05492	.05386	7.32+00	297.8	4.57+04	296.5	1.22+05
670215	36155	3A	.06758	.06340	6.44+00	296.4	4.31+04	296.2	1.44+05
670215	36411	3A	.06933	.06898	6.89+00	297.3	4.17+04	295.6	1.26+05
670215	36687	3A	.07071	.07088	6.55+00	295.8	3.91+04	292.7	1.16+05
670215	37170	3A	.05445	.05178	6.25+00	288.5	3.30+04	293.7	1.27+05
670215	37435	3A	.06743	.06259	7.57+00	291.6	3.75+04	287.3	1.42+05
670215	37691	3A	.13233	.13015	6.08+00	292.6	3.10+04	285.3	1.05+05
670215	37847	3A	.04259	.04017	7.98+00	284.5	4.43+04	291.0	9.41+04
670215	38203	3A	.07478	.07510	7.25+00	280.2	4.36+04	287.1	1.05+05
670215	38715	3A	.08797	.08063	4.85+00	284.4	3.40+04	286.6	1.80+05
670215	38971	3A	.07354	.07205	5.93+00	287.7	3.69+04	284.5	9.41+04
670215	39227	3A	.06282	.06207	6.15+00	287.6	3.91+04	285.5	1.13+05
670215	39483	3A	.06558	.06481	7.55+00	289.0	3.95+04	285.3	1.04+05
670215	39739	3A	.07328	.07339	6.93+00	287.3	4.17+04	286.2	1.09+05
670215	39995	3A	.05897	.05875	7.99+00	286.7	4.32+04	285.6	1.14+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670212	65243	3B	.08712	.08684	3.15+00	360.5	3.45+04	362.0	7.04+04
670212	65499	3B	.06979	.07063	3.37+00	359.7	3.31+04	363.3	7.52+04
670212	66011	3B	.08288	.08191	3.27+00	361.0	2.98+04	357.7	7.27+04
670212	66267	3B	.06206	.06317	3.43+00	360.3	2.85+04	359.6	9.51+04
670212	66523	3B	.08329	.08367	3.20+00	359.9	2.92+04	356.5	8.55+04
670212	66779	3B	.06497	.06575	3.42+00	360.6	3.13+04	359.2	9.37+04
670212	67035	3B	.07241	.07327	3.40+00	359.9	3.28+04	359.2	9.08+04
670212	67547	3B	.08174	.08134	3.76+00	361.3	2.87+04	355.9	7.64+04
670212	67803	3B	.09080	.09111	3.79+00	358.2	3.27+04	356.0	8.01+04
670213	1115	3B	.04996	.04173	4.23+00	348.4	6.39+04	342.9	2.54+05
670213	1883	3B	.04498	.04306	4.24+00	349.7	3.59+04	348.2	1.03+05
670213	2139	3B	.05340	.05146	4.30+00	350.5	5.43+04	344.8	2.23+05
670213	2395	3B	.04124	.04474	4.33+00	350.1	5.56+04	348.4	1.27+05
670213	3419	3B	.05441	.06093	3.96+00	354.3	5.93+04	350.1	1.70+05
670213	3675	3B	.06754	.07484	3.93+00	353.4	6.46+04	352.6	1.27+05
670213	3931	3B	.07069	.07845	4.05+00	350.9	6.31+04	349.7	1.28+05
670213	18779	3B	.04193	.04548	3.52+00	346.0	5.02+04	344.7	6.82+04
670213	19803	3B	.04449	.04819	3.62+00	351.2	5.20+04	351.9	1.02+05
670213	20059	3B	.05107	.05641	3.48+00	348.9	4.55+04	349.8	6.38+04
670213	20315	3B	.07678	.07457	3.04+00	350.3	4.19+04	348.8	1.74+05
670213	20827	3B	.06211	.06345	3.55+00	345.7	4.00+04	347.2	4.46+04
670213	21063	3B	.05842	.05621	3.24+00	345.2	3.90+04	346.0	2.15+05
670213	21339	3B	.07666	.07064	3.38+00	346.8	3.58+04	347.8	1.84+05
670213	21595	3B	.06479	.06477	3.92+00	348.8	4.31+04	351.8	6.84+04
670213	21851	3B	.10687	.10867	3.20+00	342.0	4.16+04	344.5	1.63+05
670213	22107	3B	.05418	.06114	3.68+00	344.0	5.21+04	342.1	1.49+05
670213	22363	3B	.07164	.08069	2.95+00	354.7	5.21+04	346.4	1.46+05
670213	22619	3B	.06876	.09182	3.43+00	346.0	6.13+04	344.8	1.87+05
670213	33371	3B	.07133	.07268	3.98+00	346.3	4.21+04	346.8	1.05+05
670213	33627	3B	.05472	.05070	3.94+00	345.4	3.87+04	342.9	1.75+05
670213	34395	3B	.05980	.06199	3.39+00	344.3	4.13+04	345.3	1.09+05
670213	35163	3B	.07133	.07606	3.56+00	345.1	5.17+04	346.2	1.06+05
670213	35419	3B	.08656	.08638	3.63+00	348.4	4.43+04	349.4	8.78+04
670213	35675	3B	.06526	.06655	3.70+00	350.1	5.77+04	350.8	1.72+05
670213	35931	3B	.09667	.09944	3.61+00	349.8	5.64+04	352.3	8.53+04
670213	36443	3B	.05899	.06524	3.91+00	349.3	6.09+04	350.1	7.37+04
670213	37467	3B	.08087	.08117	4.38+00	349.3	5.98+04	348.4	1.12+05
670213	37723	3B	.08407	.08375	4.40+00	350.1	5.58+04	349.2	8.87+04
670213	38235	3B	.09390	.08312	4.41+00	348.6	5.01+04	343.5	1.63+05
670213	38491	3B	.08186	.08500	4.19+00	349.0	6.16+04	350.6	8.77+04
670213	38747	3B	.07798	.07794	3.92+00	348.9	6.36+04	347.7	1.36+05
670213	39003	3B	.06817	.07241	3.96+00	345.8	5.24+04	347.6	1.05+05
670213	39250	3B	.03620	.03805	4.76+00	347.8	4.95+04	346.8	1.41+05
670213	39515	3B	.08454	.08113	4.12+00	364.8	3.25+04	339.7	1.71+05
670213	39771	3B	.08600	.08703	3.28+00	360.0	5.26+04	361.3	1.65+05
670213	57947	3B	.08153	.08101	3.55+00	342.8	4.60+04	344.9	1.24+05
670213	57947	3B	.08153	.08101	3.55+00	342.8	4.60+04	344.9	1.24+05
670213	58203	3B	.09775	.09177	3.73+00	346.4	4.88+04	346.8	1.64+05
670213	58227	3B	.07074	.06652	2.99+00	343.3	4.13+04	339.9	8.08+04
670214	66235	3A	.04005	.04113	6.43+00	296.8	5.33+04	302.3	1.66+05
670214	76219	3A	.03211	.03272	6.08+00	335.3	3.59+04	334.1	1.02+05
670214	76475	3A	.04156	.03556	6.06+00	334.2	3.16+04	325.8	2.46+05
670214	77243	3A	.02326	.02149	5.52+00	323.4	3.12+04	319.4	1.84+05
670214	77499	3A	.02977	.02949	6.24+00	322.0	3.77+04	321.4	1.16+05
670214	77755	3A	.03064	.03095	6.62+00	318.4	3.54+04	319.0	1.08+05
670214	78011	3A	.02428	.02404	6.51+00	320.0	3.28+04	318.5	9.02+04
670214	78267	3A	.02539	.02521	6.55+00	323.0	3.40+04	322.0	1.18+05
670214	78523	3A	.03070	.03031	6.64+00	324.8	3.31+04	324.9	1.19+05
670214	80571	3A	.02304	.02269	6.32+00	318.5	2.86+04	311.1	9.24+04
670214	80827	3A	.02595	.02544	5.86+00	313.0	2.78+04	310.4	9.34+04

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670208	20698	3B	.01429	.04432	2.81+01	560.4	3.69+05	585.0	7.44+05
670208	21210	3B	.01363	.03477	2.37+01	570.2	3.94+05	597.4	8.37+05
670208	21722	3B	.00851	.00836	2.22+01	562.2	3.44+05	628.4	7.24+05
670208	22490	3B	.01128	.01162	2.21+01	577.7	3.06+05	614.3	8.20+05
670208	23514	3B	.00950	.02723	1.28+01	614.2	3.33+05	613.4	7.28+05
670208	23770	3B	.00803	.00817	1.21+01	570.9	2.50+05	596.8	8.55+05
670208	24026	3B	.00688	.00740	1.29+01	570.1	2.51+05	620.4	8.41+05
670208	24282	3B	.00691	.01337	1.35+01	566.1	3.19+05	600.8	1.17+06
670208	24538	3B	.00502	.00502	1.26+01	568.8	3.10+05	610.2	8.29+05
670208	25050	3B	.00735	.01429	1.67+01	540.3	4.14+05	547.9	4.40+05
670208	25306	3B	.02273	.04669	1.86+01	530.9	2.58+05	538.4	7.17+05
670208	34522	3B	.02982	.02579	1.18+01	511.5	1.35+05	508.0	8.76+05
670208	34778	3B	.03383	.03015	1.87+01	504.8	1.45+05	505.4	5.73+05
670208	35546	3B	.01712	.01895	1.83+01	505.9	1.26+05	513.4	4.49+05
670208	35802	3B	.02932	.02926	1.13+01	501.4	1.14+05	495.5	7.35+05
670208	43226	3B	.01395	.01492	4.86+00	465.4	1.49+05	497.5	5.24+05
670208	44250	3B	.01241	.01288	7.53+00	449.2	1.96+05	470.1	4.60+05
670208	44506	3B	.00822	.01051	7.73+00	453.1	2.03+05	489.6	4.55+05
670208	44762	3B	.01388	.01432	7.83+00	450.5	1.69+05	472.3	5.04+05
670208	45018	3B	.00921	.06232	6.97+00	451.1	2.37+05	477.7	6.61+05
670208	45786	3B	.00620	.03323	6.22+00	457.9	2.76+05	518.3	1.50+06
670208	46042	3B	.00589	.02294	7.65+00	451.1	3.39+05	503.2	6.00+05
670208	46810	3B	.00990	.03357	8.45+00	448.6	2.72+05	467.2	8.91+05
670208	70106	3B	.12340	.12146	5.97+00	548.9	1.93+05	561.0	7.17+05
670208	70618	3B	.11006	.10907	9.79+00	583.6	1.35+05	587.2	3.81+05
670208	71386	3B	.12271	.12027	1.25+01	563.8	1.38+05	574.7	3.63+05
670208	71642	3B	.11258	.11192	1.50+01	556.9	1.82+05	560.5	5.23+05
670209	602	3B	.06308	.06260	5.15+00	592.1	1.07+05	594.0	4.69+05
670209	1628	3B	.05654	.05637	4.85+00	590.9	8.71+04	593.6	4.11+05
670209	3162	3B	.06239	.06233	4.81+00	571.1	6.86+04	577.9	3.12+05
670209	3418	3B	.06826	.06775	4.03+00	568.6	7.52+04	588.7	3.46+05
670209	3674	3B	.08148	.08163	3.54+00	570.3	6.94+04	570.4	3.04+05
670209	19546	3B	.08316	.08298	2.62+00	544.6	4.87+04	548.0	1.60+05
670211	6717	3A	.00619	.00784	2.95+00	591.1	3.30+05	589.9	1.21+05
670211	24381	3A	.00955	.00955	2.40+00	500.1	2.37+05	561.1	1.32+06
670211	24637	3A	.00717	.00866	2.88+00	514.4	2.24+05	529.6	6.07+05
670211	25405	3A	.01308	.01417	2.71+00	499.1	2.91+05	549.2	9.75+05
670211	25601	3A	.01503	.01745	2.81+00	506.7	3.06+05	548.7	1.24+06
670211	26429	3A	.01787	.01889	3.06+00	499.0	2.53+05	525.3	6.27+05
670211	26685	3A	.01801	.02109	2.87+00	492.8	2.35+05	525.3	7.70+05
670211	26941	3A	.01926	.02042	2.84+00	497.1	2.44+05	534.0	8.84+05
670211	27197	3A	.01442	.01544	2.91+00	500.6	2.43+05	529.5	6.46+05
670211	27453	3A	.01357	.01526	2.75+00	503.2	2.45+05	537.1	6.31+05
670211	27709	3A	.01615	.01703	2.76+00	497.8	2.33+05	526.5	6.06+05
670211	27965	3A	.01400	.01444	2.80+00	498.5	2.04+05	515.8	6.26+05
670211	45629	3A	.04452	.04388	4.44+00	497.4	1.17+05	497.7	4.81+05
670211	46653	3A	.03622	.03491	3.91+00	505.7	9.45+04	507.3	5.71+05
670211	46909	3A	.04449	.04441	3.91+00	503.3	1.04+05	499.9	4.03+05
670211	47165	3A	.05373	.05345	4.82+00	487.1	7.56+04	487.8	5.86+05
670211	47677	3A	.05921	.06005	3.84+00	477.2	7.94+04	480.7	5.08+05
670211	47933	3A	.05274	.05126	4.87+00	478.3	6.81+04	478.7	4.32+05
670211	48169	3A	.05050	.05044	3.52+00	489.8	6.33+04	490.7	3.34+05
670211	48701	3A	.13919	.14016	9.69+01	512.9	6.41+04	499.7	3.68+05
670211	57917	3A	.01856	.01998	1.12+01	474.2	6.24+04	473.3	3.06+05
670211	58941	3A	.04720	.04705	5.02+00	460.9	6.90+04	463.4	2.59+05
670211	59965	3A	.04374	.04378	5.16+00	467.7	6.80+04	465.8	2.19+05
670211	60221	3A	.05030	.04939	4.98+00	466.4	6.43+04	465.2	2.31+05
670211	60477	3A	.04654	.04618	5.00+00	468.0	6.62+04	469.9	2.58+05
670212	52443	3B	.05331	.05276	4.42+00	360.3	4.09+04	357.3	1.10+05
670212	64947	3B	.08321	.08359	3.53+00	360.5	3.14+04	361.9	5.16+04

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
670205	51008	3A	.01563	.01554	6.05+00	373.8	4.03+04	372.1	2.07+05
670205	52544	3A	.01340	.02969	1.05+01	334.5	1.77+05	366.7	3.13+05
670205	54080	3A	.03040	.03042	9.91+00	369.7	3.69+04	371.3	1.01+05
670205	54336	3A	.05923	.05919	4.77+00	372.0	3.82+04	382.1	1.03+05
670205	69440	3A	.01274	.03269	6.63+00	365.9	1.57+05	410.6	3.80+05
670205	69696	3A	.01164	.01222	6.14+00	381.6	1.72+05	409.2	2.33+05
670205	70208	3A	.01197	.01348	5.72+00	392.6	1.55+05	416.4	3.56+05
670205	70464	3A	.01328	.01457	4.98+00	388.0	1.26+05	407.8	3.93+05
670205	70720	3A	.00950	.01075	4.78+00	388.1	1.57+05	419.1	2.58+05
670205	70976	3A	.01182	.01236	4.85+00	390.0	1.46+05	422.0	4.28+05
670205	71232	3A	.01029	.04036	5.32+00	395.6	1.43+05	408.2	4.79+05
670205	71488	3A	.01312	.03000	5.46+00	393.9	1.47+05	420.6	5.06+05
670205	71744	3A	.01028	.01090	4.43+00	398.4	1.53+05	431.9	4.00+05
670205	47296	3A	.02488	.02462	4.74+00	354.7	4.94+04	363.0	3.63+05
670205	47552	3A	.02861	.02538	4.40+00	361.2	4.39+04	354.1	3.47+05
670205	48064	3A	.02169	.02185	4.39+00	357.0	4.90+04	367.6	2.84+05
670205	48320	3A	.03676	.03924	4.18+00	357.8	4.39+04	358.9	3.46+05
670205	48576	3A	.02835	.02529	4.44+00	364.6	4.29+04	355.0	3.89+05
670205	48832	3A	.03091	.02820	4.75+00	361.7	4.44+04	356.8	3.65+05
670205	49088	3A	.03076	.03087	4.33+00	359.9	3.85+04	366.0	2.50+05
670205	49344	3A	.01895	.01855	4.92+00	385.1	3.58+04	388.9	2.50+05
670205	49600	3A	.02695	.02575	5.16+00	376.7	3.50+04	376.6	2.91+05
670205	49856	3A	.02601	.02592	4.32+00	373.3	3.45+04	374.4	2.66+05
670205	50112	3A	.02386	.02377	4.69+00	371.0	3.80+04	371.8	2.76+05
670205	50368	3A	.02165	.02141	4.81+00	370.0	3.52+04	380.0	3.14+05
670205	55744	3A	.02502	.02504	4.67+00	357.5	2.39+04	362.5	5.27+04
670205	56000	3A	.02474	.02455	5.29+00	358.3	2.44+04	365.7	1.37+05
670205	56256	3A	.01849	.01824	5.83+00	355.9	2.58+04	364.1	1.60+05
670205	56768	3A	.02153	.02147	5.00+00	354.8	2.60+04	354.0	9.52+04
670205	57280	3A	.00893	.00810	4.63+00	361.1	2.29+04	376.1	3.96+05
670205	57538	3A	.02082	.02046	6.29+00	356.3	2.96+04	361.4	1.20+05
670205	57536	3A	.02062	.02046	6.29+00	358.3	2.96+04	361.4	1.20+05
670205	58048	3A	.02247	.02247	4.59+00	352.9	2.50+04	356.8	1.25+05
670205	58304	3A	.01819	.01828	5.08+00	356.4	2.46+04	359.0	1.48+05
670205	58304	3A	.01819	.01828	5.08+00	356.4	2.46+04	359.0	1.48+05
670205	58560	3A	.02652	.02638	4.58+00	359.1	2.60+04	361.4	1.94+05
670205	58818	3A	.02722	.02704	4.72+00	355.3	2.63+04	363.2	1.59+05
670205	59328	3A	.02788	.02797	5.80+00	352.1	2.51+04	365.0	1.23+05
670205	59584	3A	.03098	.03041	5.34+00	353.4	2.46+04	353.1	1.28+05
670205	75200	3A	.01064	.01084	1.16+01	342.7	3.80+04	344.3	1.01+05
670205	75456	3A	.01104	.01119	1.10+01	339.5	4.04+04	344.1	1.46+05
670205	75456	3A	.01104	.01119	1.10+01	339.5	4.04+04	344.1	1.46+05
670205	75712	3A	.00810	.00809	1.19+01	344.2	4.27+04	351.4	1.84+05
670205	75712	3A	.00810	.00809	1.19+01	344.2	4.27+04	351.4	1.84+05
670205	75968	3A	.01398	.01181	1.37+01	338.1	5.21+04	338.0	1.96+05
670205	75968	3A	.01398	.01181	1.37+01	338.1	5.21+04	338.0	1.96+05
670205	76224	3A	.01497	.01359	1.02+01	337.5	6.73+04	342.1	2.10+05
670205	76224	3A	.01497	.01359	1.02+01	337.5	6.73+04	342.1	2.10+05
670205	73528	3A	.04262	.03212	7.35+00	350.4	7.64+04	351.3	4.35+05
670207	56921	3B	.02497	.02038	1.00+01	415.6	1.35+05	412.5	5.35+05
670207	59481	3B	.01801	.01819	9.62+00	410.8	1.46+05	432.9	3.50+05
670207	72537	3B	.01528	.03691	1.06+01	543.0	4.18+05	565.4	8.80+05
670207	75097	3B	.01000	.02703	1.13+01	554.3	4.03+05	603.3	1.14+06
670207	75353	3B	.01160	.02568	1.42+01	574.1	3.32+05	602.1	1.28+06
670207	75609	3B	.00933	.01991	1.53+01	555.4	3.19+05	598.4	9.71+05
670207	76121	3B	.00957	.03175	1.09+01	535.3	2.68+05	558.6	8.33+05
670207	18137	3B	.00965	.02477	1.80+01	576.8	4.04+05	605.1	1.18+06
670208	19162	3B	.00593	.01467	1.87+01	562.6	4.20+05	613.5	7.96+05
670208	20186	3B	.00450	.02162	2.19+01	567.3	4.17+05	644.4	1.12+06
670208	20442	3B	.01741	.04282	3.07+01	555.1	3.55+05	573.9	8.73+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670204	9176	3B	.02312	.02259	1.21+01	297.6	4.60+04	297.6	1.21+05
670204	9432	3B	.01940	.01928	1.14+01	296.7	3.93+04	298.6	1.34+05
670204	9688	3B	.01641	.01619	1.13+01	295.9	3.75+04	296.6	1.46+05
670204	24792	3B	.02048	.02105	1.06+01	303.6	4.49+04	305.6	1.00+05
670204	25048	3B	.02203	.02130	1.19+01	304.9	4.73+04	307.3	2.12+05
670204	25304	3B	.02217	.02223	0.96+00	296.0	4.57+04	296.1	1.32+05
670204	25816	3B	.01725	.01563	1.04+01	295.9	4.77+04	296.9	1.71+05
670204	26328	3B	.02352	.02369	1.00+01	301.5	4.07+04	300.9	1.26+05
670204	26584	3B	.02295	.02357	0.95+00	300.8	4.28+04	302.4	1.43+05
670204	26840	3B	.02485	.02387	0.32+00	302.2	3.95+04	302.3	1.47+05
670204	27096	3B	.02302	.02356	0.82+00	300.3	4.12+04	302.6	1.31+05
670204	27352	3B	.02068	.02042	0.23+00	300.6	4.21+04	303.3	1.35+05
670204	27608	3B	.02774	.02764	0.33+00	300.6	4.25+04	297.6	1.31+05
670204	27864	3B	.02106	.02186	1.02+01	302.6	5.03+04	302.5	1.55+05
670204	28120	3B	.02718	.02737	0.76+00	295.0	4.53+04	298.4	1.60+05
670204	28376	3B	.02554	.02582	1.02+01	301.2	4.51+04	302.2	1.41+05
670204	28632	3B	.02122	.02161	1.06+01	298.8	4.88+04	302.1	1.48+05
670204	28888	3B	.02455	.02468	1.06+01	299.8	4.27+04	302.4	1.29+05
670204	29144	3B	.02063	.02063	1.15+01	300.8	3.83+04	302.5	1.06+05
670204	29400	3B	.02144	.02011	1.16+01	300.8	4.30+04	302.0	1.57+05
670204	29656	3B	.02670	.02715	1.13+01	300.1	4.49+04	302.7	1.35+05
670204	29912	3B	.01873	.01874	1.11+01	301.1	4.74+04	301.0	1.82+05
670204	30168	3B	.01635	.01632	1.06+01	297.4	5.18+04	302.6	1.31+05
670204	36568	3B	.02036	.02442	1.18+01	292.3	6.64+04	297.3	1.64+05
670204	37336	3B	.02450	.02706	0.73+00	306.4	5.16+04	309.9	1.46+05
670204	37592	3B	.02273	.02466	1.00+01	307.5	5.53+04	309.0	1.11+05
670204	37848	3B	.02702	.02653	0.84+00	307.7	5.28+04	305.3	1.83+05
670204	38104	3B	.02595	.02663	1.04+01	307.9	5.49+04	310.8	1.64+05
670204	38360	3B	.02886	.02623	0.51+00	310.4	4.64+04	302.1	2.16+05
670204	38616	3B	.01424	.01408	1.02+01	306.5	6.80+04	312.0	1.34+05
670204	38872	3B	.02112	.01997	0.36+00	308.5	6.77+04	310.2	1.60+05
670204	39128	3B	.01815	.02116	1.29+01	295.7	7.72+04	306.1	1.85+05
670204	39384	3B	.01771	.01790	1.12+01	295.3	5.46+04	292.9	1.36+05
670204	39640	3B	.01445	.03332	1.19+01	296.3	7.27+04	301.3	2.01+05
670204	39896	3B	.01123	.01506	0.22+00	308.7	6.93+04	314.6	1.29+05
670204	40408	3B	.01045	.01712	0.98+00	309.4	7.54+04	317.8	1.42+05
670204	40664	3B	.01192	.01549	0.05+00	311.7	6.69+04	320.1	1.27+05
670204	40920	3B	.01468	.01790	0.67+00	324.6	7.56+04	329.0	2.16+05
670204	41944	3B	.00451	.01705	1.04+01	345.9	1.16+05	374.5	3.24+05
670204	42968	3B	.00538	.01741	1.11+01	336.4	1.21+05	344.2	2.72+05
670204	44760	3B	.00920	.01408	1.21+01	336.5	1.36+05	353.0	2.20+05
670204	45272	3B	.00890	.01030	1.37+01	330.4	1.48+05	343.3	2.12+05
670204	47832	3B	.01707	.02049	1.01+01	312.0	6.71+04	311.9	9.46+04
670204	48344	3B	.00668	.01693	0.48+00	309.7	7.47+04	313.8	1.47+05
670204	48856	3B	.00950	.02935	0.17+00	306.4	7.52+04	301.8	7.97+04
670204	49368	3B	.00590	.01424	0.70+00	308.9	8.03+04	310.2	9.36+04
670204	57560	3B	.03199	.03186	0.89+00	301.8	3.28+04	293.3	4.34+04
670205	15938	3A	.02253	.02125	1.01+01	385.2	5.90+04	376.8	2.40+05
670205	16384	3A	.01632	.01661	0.84+00	384.8	7.14+04	376.3	2.02+05
670205	16928	3A	.02597	.02682	0.63+00	376.1	6.83+04	366.8	1.70+05
670205	17472	3A	.02155	.02309	1.04+01	366.0	7.55+04	367.0	2.24+05
670205	29248	3A	.03691	.03736	1.08+01	370.3	5.75+04	373.3	1.95+05
670205	30272	3A	.03504	.03514	0.19+00	368.3	3.84+04	368.6	1.17+05
670205	30784	3A	.05186	.04907	0.07+00	368.9	4.15+04	366.7	1.38+05
670205	31298	3A	.03954	.03765	1.05+01	369.5	4.02+04	368.0	1.34+05
670205	31808	3A	.03389	.03368	1.00+01	367.2	5.02+04	368.7	1.19+05
670205	32320	3A	.03699	.03673	1.06+01	367.2	4.57+04	367.5	1.42+05
670205	32832	3A	.04283	.04231	1.07+01	369.8	4.34+04	370.3	1.33+05
670205	33344	3A	.04423	.04405	1.06+01	369.6	4.68+04	368.5	1.62+05
670205	33856	3A	.03229	.03195	1.06+01	369.2	4.99+04	371.4	1.75+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670203	55640	3B	.03075	.02982	9.41+00	287.7	3.30+04	286.2	7.76+04
670203	55898	3B	.03722	.03413	8.25+00	293.2	3.11+04	291.6	1.22+05
670203	56152	3B	.03765	.03671	9.60+00	292.8	2.76+04	291.9	6.49+04
670203	56408	3B	.03297	.03280	9.32+00	291.5	2.72+04	293.4	7.89+04
670203	56664	3B	.03617	.03440	9.65+00	293.5	3.06+04	291.3	8.04+04
670203	56920	3B	.02500	.02483	1.03+01	294.8	3.00+04	293.9	6.50+04
670203	57176	3B	.02713	.02614	1.01+01	290.3	3.04+04	292.4	1.03+05
670203	57432	3B	.03005	.02861	9.64+00	294.3	3.08+04	293.9	1.36+05
670203	57688	3B	.02890	.02867	1.05+01	289.2	3.50+04	290.3	7.04+04
670203	57944	3B	.03284	.03365	1.04+01	289.1	3.70+04	286.1	8.42+04
670203	58200	3B	.04251	.04199	1.09+01	294.2	3.68+04	286.1	1.28+05
670203	58456	3B	.04721	.04763	9.45+00	290.1	3.11+04	288.7	1.11+05
670203	58712	3B	.03563	.03233	1.01+01	291.1	3.32+04	292.0	1.62+05
670203	58968	3B	.02659	.02751	1.05+01	284.1	4.15+04	281.9	1.15+05
670203	59224	3B	.02524	.02790	1.01+01	287.7	5.07+04	282.3	8.69+04
670203	59480	3B	.01670	.01667	9.13+00	303.0	3.15+04	304.0	1.13+05
670203	59736	3B	.01591	.01605	8.98+00	300.9	2.28+04	307.1	8.45+04
670203	59992	3B	.01349	.01350	8.19+00	298.0	2.29+04	296.0	9.33+04
670203	74584	3B	.03760	.03749	1.16+01	293.4	2.28+04	293.7	6.35+04
670203	74840	3B	.04140	.04042	1.10+01	292.6	2.31+04	292.9	7.31+04
670203	75864	3B	.08297	.08122	4.56+00	290.0	3.72+04	292.0	7.47+04
670203	76120	3B	.03553	.03550	1.01+01	290.5	2.30+04	292.6	5.33+04
670203	76376	3B	.00683	.00663	9.65+00	289.7	2.38+04	288.1	1.07+05
670203	77144	3B	.03315	.03284	9.61+00	287.5	2.55+04	287.5	7.12+04
670203	77400	3B	.03011	.03006	1.03+01	285.2	2.20+04	287.0	6.15+04
670203	77656	3B	.03159	.03138	9.29+00	286.7	2.48+04	290.2	7.63+04
670203	77912	3B	.03379	.03379	1.03+01	286.4	2.47+04	288.3	7.16+04
670203	78168	3B	.03402	.03357	7.69+00	284.3	2.09+04	284.2	7.40+04
670203	78424	3B	.03054	.03033	9.65+00	282.9	2.44+04	283.7	6.13+04
670203	78680	3B	.02969	.02940	7.95+00	283.0	2.74+04	286.4	6.45+04
670203	78936	3B	.03474	.03450	7.57+00	281.9	2.43+04	281.2	6.44+04
670203	79192	3B	.02634	.02659	8.93+00	283.7	2.60+04	286.1	9.06+04
670203	79960	3B	.01607	.01566	7.42+00	280.7	2.19+04	280.0	7.43+04
670203	80216	3B	.01357	.01367	7.37+00	282.1	2.50+04	287.5	1.09+05
670203	80472	3B	.01659	.01680	6.99+00	283.2	2.49+04	283.9	8.33+04
670203	80728	3B	.01473	.01408	7.19+00	284.6	2.63+04	287.0	9.73+04
670203	80984	3B	.00759	.00775	8.43+00	284.8	2.37+04	288.7	1.06+05
670203	81498	3B	.00550	.00540	8.75+00	289.6	2.01+04	291.8	9.69+04
670203	81752	3B	.00918	.00870	8.72+00	288.2	2.11+04	290.7	1.20+05
670203	82008	3B	.02617	.02619	3.17+00	287.6	3.49+04	293.3	7.45+04
670203	82264	3B	.00754	.00742	9.11+00	289.7	2.15+04	290.7	6.83+04
670203	82520	3B	.00860	.00846	8.77+00	289.3	2.38+04	293.4	9.47+04
670203	82776	3B	.02073	.02050	3.71+00	288.1	3.74+04	293.3	9.42+04
670203	83032	3B	.00884	.00877	1.00+01	287.8	2.59+04	290.8	9.51+04
670203	83288	3B	.00820	.00817	8.87+00	290.4	2.47+04	295.1	1.07+05
670203	83544	3B	.01024	.01012	9.08+00	287.5	2.47+04	290.3	9.16+04
670203	83800	3B	.00800	.00793	9.48+00	287.1	2.65+04	291.1	1.18+05
670203	84056	3B	.00686	.00684	9.50+00	287.4	2.50+04	291.8	1.04+05
670203	84312	3B	.00859	.00852	9.95+00	289.0	2.49+04	293.9	1.38+05
670203	84568	3B	.00857	.00847	9.56+00	300.5	2.69+04	300.8	1.30+05
670203	85080	3B	.00994	.00933	1.03+01	293.8	2.85+04	292.1	1.18+05
670203	85336	3B	.00922	.00911	1.13+01	295.9	2.88+04	295.7	9.74+04
670203	85592	3B	.00887	.00872	1.12+01	293.4	2.74+04	290.4	1.15+05
670203	85848	3B	.00715	.00710	1.09+01	292.0	2.65+04	295.2	7.63+04
670203	86360	3B	.00887	.00892	1.09+01	293.5	2.84+04	292.0	5.65+04
670204	88	3B	.00880	.00865	1.09+01	293.5	2.84+04	291.8	5.43+04
670204	7128	3B	.01907	.01909	1.32+01	300.0	4.35+04	299.4	1.07+05
670204	7384	3B	.01435	.01423	1.25+01	299.0	3.90+04	302.5	1.24+05
670204	7640	3B	.01478	.01456	1.26+01	299.6	3.80+04	298.6	7.96+04
670204	8664	3B	.01828	.01748	1.29+01	290.7	3.83+04	291.1	8.59+04

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670201	49216	3A	.05148	.05403	4.12+00	325.5	5.62+04	333.3	2.13+05
670201	49474	3A	.04253	.04291	4.57+00	333.1	5.13+04	339.9	1.81+05
670201	49730	3A	.04133	.04049	4.59+00	336.1	5.14+04	338.0	1.96+05
670201	49986	3A	.05185	.05537	4.40+00	332.1	4.85+04	337.9	2.08+05
670201	50242	3A	.04012	.03981	4.65+00	332.3	5.13+04	336.6	1.88+05
670201	50498	3A	.04770	.04728	4.47+00	330.8	5.36+04	337.4	1.89+05
670201	50754	3A	.05710	.05942	4.26+00	326.6	4.79+04	332.9	1.83+05
670201	51266	3A	.04400	.04729	4.49+00	329.2	6.53+04	336.2	1.60+05
670201	51522	3A	.04999	.04980	4.06+00	327.2	5.09+04	335.9	2.03+05
670201	51778	3A	.04467	.04523	4.53+00	327.6	5.90+04	333.7	1.62+05
670201	52034	3A	.02359	.02798	4.56+00	324.0	7.53+04	335.2	1.29+05
670201	52290	3A	.02244	.02237	4.76+00	321.3	4.83+04	323.0	1.28+05
670201	52546	3A	.04368	.04747	4.46+00	322.6	6.06+04	330.2	1.49+05
670201	53442	3A	.02103	.02097	6.32+00	318.8	4.26+04	315.0	1.19+05
670201	70210	3A	.02606	.02560	4.81+00	321.3	4.37+04	316.2	1.55+05
670201	70466	3A	.02374	.02513	4.63+00	317.3	4.91+04	310.9	1.40+05
670201	70722	3A	.03002	.03086	5.00+00	313.7	4.43+04	310.7	1.24+05
670201	70978	3A	.02883	.03010	5.20+00	317.1	4.48+04	311.1	9.25+04
670201	71234	3A	.02603	.02826	4.66+00	313.7	3.99+04	309.3	1.17+05
670201	71490	3A	.02597	.02631	4.62+00	316.0	4.67+04	310.2	1.27+05
670201	71746	3A	.02554	.02616	4.57+00	315.2	4.46+04	309.5	1.21+05
670201	73282	3A	.02431	.02675	4.48+00	308.8	4.82+04	309.3	1.63+05
670201	74050	3A	.02540	.02634	4.84+00	306.3	4.41+04	304.4	1.45+05
670201	74816	3A	.03669	.03818	4.36+00	305.6	4.42+04	306.7	1.42+05
670201	75074	3A	.03093	.03178	4.71+00	307.9	3.84+04	307.5	1.31+05
670201	75330	3A	.02985	.03029	4.45+00	305.9	4.07+04	303.2	1.32+05
670201	75842	3A	.02642	.02712	4.40+00	306.3	4.88+04	304.0	1.70+05
670201	76098	3A	.02985	.03059	5.24+00	306.0	4.51+04	308.1	1.53+05
670201	76354	3A	.02996	.03235	5.16+00	308.5	4.59+04	306.1	1.59+05
670201	76610	3A	.03545	.03858	5.22+00	303.4	5.70+04	301.0	1.34+05
670201	76866	3A	.03106	.03394	5.07+00	304.7	5.50+04	299.2	1.28+05
670201	77122	3A	.03186	.03802	4.91+00	300.9	6.65+04	299.1	1.57+05
670201	77634	3A	.03481	.03859	5.32+00	303.0	5.49+04	295.4	1.45+05
670201	77890	3A	.03197	.03557	5.33+00	298.6	6.16+04	294.8	1.47+05
670201	79170	3A	.04192	.04595	4.18+00	303.2	5.45+04	296.1	1.55+05
670201	80450	3A	.04958	.05362	4.27+00	284.0	4.73+04	285.5	1.50+05
670201	80706	3A	.03748	.04108	4.68+00	290.3	6.16+04	294.2	1.30+05
670201	81216	3A	.03897	.04172	3.80+00	300.8	5.15+04	284.6	1.31+05
670201	82498	3A	.03556	.03927	4.99+00	296.2	6.34+04	299.4	1.71+05
670201	85826	3A	.03507	.03980	4.52+00	291.4	5.25+04	283.9	7.38+04
670201	86082	3A	.03764	.03638	5.14+00	293.5	5.60+04	291.0	1.38+05
670201	86338	3A	.04338	.04855	5.04+00	299.1	5.16+04	289.1	1.57+05
670202	450	3A	.03652	.03902	5.53+00	299.0	6.05+04	297.9	1.66+05
670203	41304	3B	.05787	.06327	5.53+00	279.1	5.84+04	272.2	8.00+04
670203	42072	3B	.03081	.03051	9.07+00	296.8	2.39+04	297.5	8.70+04
670203	42584	3B	.03676	.03609	8.82+00	300.6	2.47+04	302.7	1.02+05
670203	42840	3B	.03331	.03344	8.18+00	295.6	2.59+04	299.1	7.43+04
670203	43096	3B	.03095	.03082	8.81+00	295.6	2.59+04	295.5	5.92+04
670203	43352	3B	.02857	.02847	9.02+00	296.0	2.64+04	297.1	7.46+04
670203	43608	3B	.03234	.03222	8.94+00	297.4	2.55+04	297.5	8.00+04
670203	43664	3B	.03225	.03216	9.23+00	296.6	2.47+04	297.1	8.37+04
670203	44120	3B	.02648	.02838	8.86+00	295.5	2.62+04	297.5	6.13+04
670203	44378	3B	.02477	.02479	9.44+00	294.7	2.57+04	295.7	7.28+04
670203	44632	3B	.02470	.02453	9.28+00	296.6	2.58+04	297.6	8.50+04
670203	53592	3B	.02604	.02772	9.67+00	293.6	3.00+04	292.8	4.87+04
670203	53848	3B	.02938	.02897	9.05+00	294.7	2.60+04	293.1	4.95+04
670203	54104	3B	.03158	.02638	9.24+00	294.1	2.77+04	291.3	1.52+05
670203	54872	3B	.02758	.02706	8.96+00	291.0	2.73+04	289.4	5.14+04
670203	55120	3B	.03468	.03354	8.77+00	291.1	2.95+04	290.5	8.31+04
670203	55344	3B	.02961	.02928	9.10+00	291.3	2.90+04	291.5	7.11+04

DATE	TIME	RD	APR1	APR2	DENSITY	P_VEL	P_TEMP	A_VEL	A_TEMP
670128	11332	3A	.04080	.04089	5.67+00	330.3	4.26+04	332.5	2.10+05
670128	11588	3A	.04311	.04283	5.37+00	325.6	4.15+04	327.3	2.02+05
670128	11844	3A	.04495	.04700	6.32+00	329.0	4.87+04	332.4	1.98+05
670128	12100	3A	.03134	.03230	6.63+00	332.4	4.62+04	332.8	1.76+05
670128	12356	3A	.04731	.04499	6.12+00	333.1	4.39+04	328.6	2.65+05
670128	12612	3A	.04454	.04256	5.37+00	342.6	4.94+04	341.0	1.77+05
670128	30020	3A	.05753	.04963	6.29+00	334.1	4.24+05	351.0	4.33+05
670128	30532	3A	.03636	.03648	7.08+00	364.4	4.44+05	379.2	3.16+05
670128	30768	3A	.03512	.03588	6.77+00	363.6	4.44+05	380.4	3.35+05
670130	6742	3B	.05814	.05770	3.10+00	338.7	7.72+04	341.8	2.16+05
670130	21334	3B	.03334	.03819	4.51+00	356.2	1.08+05	357.2	2.14+05
670130	21590	3B	.07123	.06883	4.07+00	342.2	1.14+05	347.4	3.66+05
670130	21846	3B	.05846	.05468	3.99+00	363.0	7.66+04	361.8	2.95+05
670130	23126	3B	.05933	.05819	3.28+00	364.7	7.98+04	364.1	3.02+05
670130	23382	3B	.04251	.04664	3.26+00	353.8	9.44+04	361.7	2.33+05
670130	23638	3B	.10513	.09078	2.48+00	344.1	6.79+04	352.3	4.51+05
670130	24150	3B	.03662	.03707	4.92+00	331.5	1.23+05	358.2	2.36+05
670130	24662	3B	.14449	.14240	2.04+00	355.5	5.81+04	352.1	2.93+05
670130	25686	3B	.03631	.03498	2.72+00	341.6	8.59+04	337.2	2.37+05
670130	26198	3B	.05290	.05460	4.48+00	345.9	8.47+04	338.9	2.51+05
670130	26454	3B	.06518	.06646	3.34+00	349.9	7.12+04	350.1	2.89+05
670131	60867	3A	.06248	.06232	4.12+00	306.4	2.02+04	307.6	5.14+04
670131	63427	3A	.04551	.04542	3.88+00	315.4	2.44+04	310.4	6.02+04
670131	79811	3A	.03764	.03784	6.35+00	308.2	2.93+04	306.5	4.97+04
670131	80057	3A	.04429	.04479	6.22+00	309.8	3.49+04	306.5	4.25+04
670131	80835	3A	.02995	.02979	7.29+00	318.1	3.53+04	309.1	4.31+04
670131	82115	3A	.02720	.02813	7.15+00	314.0	3.08+04	310.1	6.22+04
670131	82627	3A	.02134	.02153	5.44+00	317.2	3.44+04	314.0	6.52+04
670201	3907	3A	.02950	.03081	4.17+00	344.0	2.08+04	350.0	1.45+05
670201	4163	3A	.02331	.02992	3.36+00	343.6	2.89+04	339.5	1.11+05
670201	4675	3A	.02190	.02288	5.67+00	343.4	2.38+04	347.0	1.73+05
670201	4931	3A	.02071	.01855	5.45+00	335.2	3.52+04	337.1	1.52+05
670201	5443	3A	.02184	.02267	4.80+00	344.5	2.78+04	341.0	1.74+05
670201	6467	3A	.01667	.01683	6.85+00	339.3	4.89+04	325.5	1.69+05
670201	6467	3A	.01667	.01683	6.85+00	339.3	4.89+04	325.5	1.69+05
670201	6723	3A	.02203	.02186	6.54+00	347.3	5.63+04	340.9	1.07+05
670201	7235	3A	.02579	.03385	3.97+00	356.2	5.68+04	348.5	2.48+04
670201	7491	3A	.01956	.02059	6.30+00	350.7	4.23+04	332.2	8.51+04
670201	7491	3A	.01956	.02059	6.30+00	350.7	4.23+04	332.2	8.51+04
670201	7747	3A	.01861	.02723	5.30+00	344.9	5.56+04	337.9	1.29+05
670201	23874	3A	.03894	.04043	5.32+00	350.8	6.92+04	356.2	2.95+05
670201	24130	3A	.03309	.03584	7.22+00	350.2	8.09+04	362.5	2.88+05
670201	24386	3A	.04295	.04445	5.48+00	356.8	7.05+04	361.9	3.28+05
670201	25410	3A	.04784	.04855	6.00+00	355.9	6.72+04	361.8	3.36+05
670201	25866	3A	.05114	.05155	5.38+00	364.2	6.42+04	372.9	3.25+05
670201	25922	3A	.04080	.04040	5.93+00	378.5	4.28+04	376.6	3.49+05
670201	26178	3A	.04496	.04487	5.28+00	378.2	4.13+04	379.7	3.05+05
670201	26434	3A	.04127	.04112	5.75+00	372.6	4.34+04	373.2	3.20+05
670201	26890	3A	.04926	.04980	4.89+00	365.0	5.37+04	375.7	2.69+05
670201	26946	3A	.05287	.05307	4.84+00	371.0	4.42+04	376.4	3.81+05
670201	27714	3A	.04350	.04291	5.89+00	367.4	4.68+04	369.8	3.20+05
670201	27970	3A	.04629	.04671	5.14+00	361.6	5.45+04	367.7	3.97+05
670201	28226	3A	.04850	.04800	5.07+00	367.1	5.38+04	370.5	3.62+05
670201	28482	3A	.04865	.04767	5.30+00	361.4	6.19+04	365.6	3.13+05
670201	45890	3A	.04926	.04872	4.84+00	334.3	5.37+04	340.8	2.23+05
670201	46146	3A	.07369	.07792	4.70+00	330.5	6.03+04	323.7	2.06+05
670201	47426	3A	.04800	.04719	4.65+00	335.5	5.40+04	340.4	2.16+05
670201	47682	3A	.04436	.04715	4.77+00	330.3	5.37+04	339.7	2.34+05
670201	47938	3A	.05149	.05680	4.42+00	330.5	5.60+04	335.3	1.80+05
670201	48450	3A	.05271	.05307	4.66+00	328.8	5.82+04	336.6	1.93+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670125	25044	3B	.03396	.03302	1.05+01	326.4	2.24+04	334.9	6.04+04
670125	25556	3B	.03681	.03665	1.07+01	324.9	2.98+04	325.6	6.22+04
670125	25812	3B	.01758	.01751	1.11+01	316.7	3.00+04	322.6	7.63+04
670125	26068	3B	.02019	.02022	1.05+01	313.7	2.58+04	313.8	6.93+04
670125	26580	3B	.04847	.04845	3.82+00	313.6	3.24+04	314.5	7.63+04
670125	27092	3B	.03777	.03777	3.94+00	312.6	2.82+04	313.4	8.56+04
670125	27348	3B	.01439	.01432	1.05+01	313.1	2.09+04	312.7	9.44+04
670126	4693	3B	.01930	.01898	1.23+01	323.5	3.52+04	323.1	7.29+04
670126	11349	3B	.02613	.02603	9.56+00	329.5	3.05+04	330.6	6.00+04
670127	22725	3A	.09025	.09119	4.61+00	324.2	4.50+04	325.8	1.22+05
670127	22981	3A	.11450	.10160	4.06+00	325.9	4.55+04	323.6	2.34+05
670127	23237	3A	.09508	.09524	4.29+00	326.3	4.77+04	328.3	1.29+05
670127	34245	3A	.01916	.01892	4.03+00	332.1	3.25+04	327.9	2.00+05
670127	34501	3A	.01773	.01751	4.61+00	331.7	3.16+04	327.4	1.29+05
670127	43973	3A	.01848	.01894	5.98+00	334.3	3.56+04	338.8	1.50+05
670127	45253	3A	.03195	.03123	8.44+00	329.7	3.28+04	331.6	1.02+05
670127	45253	3A	.03195	.03123	8.44+00	329.7	3.28+04	331.6	1.02+05
670127	45509	3A	.03593	.03531	6.88+00	335.9	3.65+04	339.4	1.54+05
670127	45765	3A	.03020	.03012	7.32+00	332.9	3.61+04	336.8	1.33+05
670127	46277	3A	.01953	.01937	7.94+00	330.2	3.64+04	327.6	1.57+05
670127	46533	3A	.02662	.02725	7.31+00	333.5	4.72+04	335.7	1.59+05
670127	46789	3A	.02413	.02445	7.29+00	327.9	4.70+04	336.9	1.83+05
670127	47045	3A	.03209	.03150	6.42+00	331.5	4.20+04	335.0	1.38+05
670127	47301	3A	.03253	.03258	6.52+00	334.6	4.46+04	337.0	1.72+05
670127	47557	3A	.02841	.02800	6.20+00	334.6	4.12+04	333.7	1.20+05
670127	56773	3A	.04134	.04783	6.21+00	311.5	5.47+04	309.8	2.00+05
670127	57541	3A	.03471	.03637	6.30+00	314.3	7.40+04	315.0	2.22+05
670127	57797	3A	.03903	.04260	6.76+00	315.7	6.84+04	319.2	1.71+05
670127	58053	3A	.02958	.04018	7.33+00	320.3	7.61+04	326.1	2.10+05
670127	58309	3A	.03963	.04213	6.59+00	316.2	6.96+04	317.7	1.86+05
670127	58565	3A	.03379	.03868	7.44+00	321.0	6.97+04	322.3	1.75+05
670127	58821	3A	.04827	.04947	6.68+00	321.4	5.86+04	326.4	2.14+05
670127	59077	3A	.04546	.04367	8.13+00	332.1	7.81+04	338.5	2.59+05
670127	59333	3A	.04288	.04272	9.37+00	341.4	7.98+04	342.3	2.24+05
670127	59589	3A	.04194	.04139	9.54+00	334.5	6.75+04	338.3	2.62+05
670127	59845	3A	.04331	.04263	9.78+00	342.9	7.94+04	343.6	2.62+05
670127	75461	3A	.04208	.04152	8.94+00	332.6	8.74+04	336.7	2.71+05
670127	75717	3A	.03758	.03745	6.68+00	325.2	1.04+05	333.9	2.45+05
670127	76229	3A	.03145	.03297	7.85+00	332.1	8.14+04	338.1	2.06+05
670127	76485	3A	.03126	.03077	8.19+00	331.5	7.60+04	336.1	2.71+05
670127	76741	3A	.02854	.03024	8.15+00	331.7	8.07+04	337.9	1.92+05
670127	76997	3A	.03051	.03269	8.01+00	332.1	8.85+04	338.3	2.59+05
670127	77253	3A	.02948	.03123	8.12+00	332.1	8.72+04	341.1	2.81+05
670127	77509	3A	.02948	.03267	7.82+00	335.7	9.53+04	342.1	2.63+05
670127	77765	3A	.03017	.03141	8.58+00	339.8	8.71+04	343.0	2.76+05
670127	78021	3A	.03177	.02414	8.82+00	339.3	8.29+04	339.3	3.47+05
670128	324	3A	.02967	.03320	7.35+00	316.2	1.13+05	321.6	1.78+05
670128	636	3A	.01828	.08905	5.48+00	319.9	1.26+05	329.0	2.46+05
670128	1860	3A	.02775	.03071	7.20+00	308.6	9.62+04	317.3	2.34+05
670128	2116	3A	.02244	.02508	7.38+00	318.6	1.02+05	335.0	2.74+05
670128	2372	3A	.02176	.07326	6.99+00	319.6	1.05+05	336.9	2.97+05
670128	2628	3A	.02457	.02349	7.99+00	318.9	1.07+05	331.7	2.18+05
670128	2884	3A	.01698	.02098	5.63+00	311.0	1.11+05	348.3	2.70+05
670128	3396	3A	.01827	.01541	7.10+00	315.0	1.07+05	336.1	2.68+05
670128	3652	3A	.02491	.07258	7.01+00	318.4	1.07+05	333.1	3.06+05
670128	3908	3A	.02388	.02366	7.05+00	313.3	1.03+05	330.5	2.23+05
670128	9028	3A	.02187	.02790	6.77+00	317.5	9.08+04	330.9	2.53+05
670128	10308	3A	.02506	.02791	7.13+00	314.5	8.02+04	325.1	2.74+05
670128	10564	3A	.03377	.03870	7.03+00	314.4	6.43+04	316.5	2.72+05
670128	10820	3A	.04464	.05036	6.33+00	319.6	5.99+04	322.8	2.86+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670120	38483	3B	.02905	.02904	1.11+01	300.2	3.72+04	312.6	1.09+05
670120	51539	3B	.02182	.02179	1.24+01	321.1	3.37+04	318.8	6.43+04
670120	66899	3B	.05828	.05762	1.10+01	321.2	6.03+04	323.7	4.86+04
670120	67155	3B	.01840	.02003	1.06+01	324.6	6.34+04	329.1	1.69+05
670120	67411	3B	.01711	.01871	1.15+01	328.3	6.00+04	329.4	1.69+05
670120	67667	3B	.02085	.02219	9.82+00	329.6	5.55+04	327.6	1.37+05
670120	67923	3B	.01687	.01707	1.12+01	325.2	5.31+04	326.2	1.57+05
670120	68435	3B	.01328	.01395	1.52+01	325.4	6.41+04	328.9	1.66+05
670122	28999	3A	.02324	.02543	8.23+00	299.5	7.93+04	302.2	1.29+05
670122	29511	3A	.03245	.03304	7.09+00	301.8	5.74+04	305.0	1.57+05
670122	30023	3A	.02945	.03264	7.64+00	299.3	7.83+04	306.0	1.68+05
670122	30535	3A	.02615	.03126	8.27+00	297.8	7.32+04	304.6	2.02+05
670122	31047	3A	.02774	.03343	8.32+00	298.9	7.14+04	305.3	1.95+05
670122	32071	3A	.03787	.03389	7.81+00	295.7	6.05+04	299.0	2.37+05
670122	32583	3A	.02488	.03180	7.79+00	290.6	6.06+04	299.3	2.33+05
670122	33095	3A	.02702	.03047	8.11+00	295.7	7.94+04	306.9	2.17+05
670122	33607	3A	.02618	.02303	1.01+01	307.0	7.99+04	308.1	2.30+05
670122	34119	3A	.02602	.02277	7.13+00	299.1	4.72+04	301.4	2.53+05
670122	34631	3A	.02456	.02695	7.80+00	302.2	7.20+04	311.2	1.60+05
670122	35143	3A	.03508	.03440	6.92+00	294.0	6.70+04	294.0	1.68+05
670122	56647	3A	.02631	.02589	4.91+00	305.6	4.45+04	306.8	1.72+05
670122	57671	3A	.02648	.02561	4.76+00	308.2	4.85+04	305.8	1.65+05
670122	58183	3A	.02780	.02717	4.66+00	298.7	4.84+04	302.0	1.97+05
670122	58695	3A	.02941	.02944	5.24+00	299.0	5.13+04	302.5	1.38+05
670122	68423	3A	.02760	.02764	4.65+00	296.4	5.94+04	300.3	1.81+05
670122	68935	3A	.02755	.02832	3.83+00	290.0	4.30+04	285.3	2.14+05
670122	69447	3A	.02475	.03012	4.75+00	292.3	6.83+04	295.2	1.64+05
670122	69959	3A	.03076	.03658	3.66+00	295.9	7.03+04	289.4	1.40+05
670123	6087	3A	.02036	.02217	7.62+00	347.7	8.21+04	362.8	2.63+05
670123	21959	3A	.02145	.02769	8.66+00	344.0	1.37+05	360.1	2.96+05
670123	22471	3A	.02014	.01982	8.91+00	369.9	1.14+05	376.4	2.31+05
670123	22983	3A	.02419	.02137	8.41+00	374.5	9.33+04	372.4	2.78+05
670123	24007	3A	.03040	.02694	8.27+00	361.1	1.02+05	361.5	3.43+05
670123	24519	3A	.02359	.05444	7.14+00	351.8	1.25+05	371.2	4.33+05
670123	25031	3A	.02417	.02578	7.48+00	351.7	1.28+05	365.0	2.88+05
670123	41927	3A	.02158	.02252	5.92+00	359.7	1.14+05	373.9	3.80+05
670124	76372	3B	.01807	.01656	6.62+00	316.1	2.71+04	313.8	1.50+05
670124	76884	3B	.02086	.02098	7.90+00	322.5	3.04+04	320.2	1.09+05
670124	77140	3B	.02324	.02221	8.44+00	322.7	3.36+04	323.5	1.29+05
670124	77652	3B	.02346	.02325	8.16+00	320.7	3.08+04	323.0	1.08+05
670124	77908	3B	.02629	.02609	8.16+00	324.9	2.88+04	326.1	1.10+05
670124	78932	3B	.02146	.02129	7.90+00	322.1	3.45+04	322.9	1.04+05
670124	79188	3B	.02031	.02043	7.43+00	316.9	3.37+04	315.5	6.29+04
670125	7124	3B	.01175	.01257	1.84+01	353.9	9.40+04	367.5	2.88+05
670125	7380	3B	.01701	.01689	1.37+01	357.8	7.85+04	361.8	3.17+05
670125	7892	3B	.01290	.01257	1.73+01	356.6	8.38+04	355.9	2.07+05
670125	8148	3B	.01439	.01456	1.78+01	357.2	6.15+04	361.7	1.93+05
670125	8404	3B	.01100	.01096	1.61+01	356.2	5.27+04	362.5	1.83+05
670125	8660	3B	.01543	.01517	1.54+01	356.4	5.98+04	357.1	1.81+05
670125	9172	3B	.01355	.01307	1.52+01	356.9	5.95+04	357.0	2.17+05
670125	9428	3B	.01394	.01309	1.62+01	359.0	5.38+04	360.1	2.18+05
670125	9684	3B	.01171	.01181	1.63+01	355.4	5.44+04	354.6	1.43+05
670125	9940	3B	.01251	.01215	1.72+01	355.0	5.73+04	353.1	1.79+05
670125	10196	3B	.01812	.01802	1.91+01	352.6	5.49+04	355.6	1.31+05
670125	10452	3B	.01232	.01230	1.76+01	355.3	5.97+04	359.6	1.35+05
670125	22228	3B	.02629	.02619	1.16+01	329.2	2.59+04	333.3	8.42+04
670125	23252	3B	.05007	.04991	5.30+00	330.1	3.28+04	332.2	7.56+04
670125	23508	3B	.02025	.02004	1.12+01	331.2	2.56+04	332.0	6.58+04
670125	24020	3B	.03357	.03354	1.20+01	327.0	2.77+04	332.9	6.36+04
670125	24276	3B	.02934	.02926	1.16+01	330.4	2.59+04	332.3	6.80+04

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670113	42188	3A	.05913	.05991	1.40<01	340.4	8.33+04	335.9	2.39+05
670113	42444	3A	.07605	.06917	1.23<01	341.0	5.67+04	331.6	2.38+05
670113	42444	3A	.07905	.06917	1.23<01	341.0	5.87+04	331.6	2.38+05
670113	43212	3A	.03280	.03457	1.15<01	355.2	5.71+04	354.8	1.92+05
670113	43468	3A	.04150	.04467	2.92<01	427.7	2.53+05	450.1	4.38+05
670113	44492	3A	.12871	.15221	1.49<01	440.4	3.34+05	447.1	4.92+05
670113	45004	3A	.10086	.12378	1.16<01	464.2	2.79+05	479.1	5.92+05
670113	45260	3A	.02816	.02956	2.71<01	466.7	2.48+05	489.9	4.76+05
670113	45260	3A	.02815	.02955	2.72<01	466.6	2.48+05	489.9	4.76+05
670113	45518	3A	.03995	.04153	2.93<01	460.9	2.27+05	474.0	4.73+05
670113	45516	3A	.03995	.04153	2.93<01	460.9	2.27+05	474.0	4.73+05
670113	45772	3A	.23130	.20381	1.19<01	459.7	4.33+05	477.1	4.30+05
670113	51660	3A	.41693	.36140	6.62+00	456.5	1.88+05	435.9	6.08+05
670113	52684	3A	.20511	.15485	1.93<01	459.6	1.00+05	445.1	6.88+05
670113	52684	3A	.18183	.13812	1.16<01	460.9	9.11+04	445.1	6.88+05
670113	64972	3A	.06932	.29469	9.71<00	408.4	3.36+05	445.9	1.32+06
670114	1612	3A	.29167	.28305	2.22<01	404.0	1.02+05	403.2	1.56+05
670114	1612	3A	.13853	.13335	2.00<01	407.2	1.01+05	397.3	2.16+05
670114	1668	3A	.29752	.28719	2.03<01	404.1	1.06+05	407.4	1.47+05
670114	1668	3A	.11089	.10239	2.04<01	403.9	1.04+05	401.6	3.20+05
670114	3148	3A	.26013	.28297	2.24<01	396.6	8.53+04	400.8	1.26+05
670114	4172	3A	.16269	.16170	2.38<01	397.7	7.66+04	405.0	1.85+05
670114	4428	3A	.17589	.16556	2.48<01	397.3	1.01+05	400.5	2.33+05
670114	4684	3A	.25966	.26290	2.36<01	398.0	8.31+04	401.4	1.45+05
670114	4684	3A	.25966	.26290	2.36<01	398.0	8.31+04	401.4	1.45+05
670114	4940	3A	.15535	.15453	2.76<01	393.0	1.22+05	409.1	1.37+05
670117	67546	3A	.02503	.02507	5.48<00	357.2	2.76+04	360.3	1.21+05
670117	67546	3A	.02523	.02526	5.48<00	357.2	2.76+04	360.7	1.36+05
670117	58058	3A	.01313	.01305	4.84<00	375.8	4.64+04	384.5	3.86+05
670117	58570	3A	.02546	.02539	4.65<00	376.1	4.13+04	380.8	7.68+04
670117	58570	3A	.02633	.02625	4.65<00	376.1	4.13+04	382.0	1.08+05
670117	80074	3A	.02602	.02599	7.92<00	319.9	2.33+04	322.6	4.74+04
670117	80074	3A	.02620	.02617	7.92<00	319.9	2.33+04	322.8	5.63+04
670117	81098	3A	.06120	.06115	4.20<00	327.6	2.26+04	336.7	7.84+04
670117	81098	3A	.06252	.06247	4.20<00	327.6	2.26+04	337.4	9.36+04
670117	81610	3A	.01673	.01599	7.31<00	323.6	2.40+04	309.7	6.69+04
670117	81610	3A	.01824	.01750	7.31<00	323.6	2.40+04	312.5	1.25+05
670117	83146	3A	.05680	.05657	4.67<00	328.9	2.19+04	333.2	4.99+04
670118	22857	3A	.04108	.04155	6.95<00	312.9	4.52+04	311.4	1.14+05
670118	23369	3A	.03763	.03912	6.75<00	324.4	4.63+04	323.9	1.16+05
670118	23881	3A	.03190	.03181	6.56<00	326.3	4.21+04	319.9	1.26+05
670118	24393	3A	.05391	.05832	4.77<00	312.7	8.54+04	321.3	7.86+04
670118	25929	3A	.04524	.04538	6.51<00	320.5	2.28+04	316.3	1.42+05
670118	39241	3A	.01741	.01723	1.80<01	337.1	5.80+04	330.7	1.31+05
670118	39753	3A	.02946	.02931	9.71<00	336.4	3.23+04	330.0	9.56+04
670118	48409	3A	.03236	.03162	1.04<01	335.1	8.55+04	337.7	1.61+05
670118	47433	3A	.03037	.03812	1.21<01	334.3	4.47+04	334.8	1.21+05
670118	47433	3A	.03972	.03847	1.21<01	334.3	4.47+04	335.1	1.33+05
670118	47945	3A	.03825	.03801	1.19<01	335.2	4.50+04	338.5	8.87+04
670118	47945	3A	.03852	.03828	1.19<01	335.2	4.50+04	338.8	9.74+04
670118	48457	3A	.04107	.04018	1.18<01	338.3	4.56+04	341.0	1.34+05
670118	48457	3A	.04119	.04031	1.18<01	338.3	4.56+04	341.1	1.40+05
670118	49481	3A	.02846	.02826	1.86<01	334.7	3.25+04	334.8	7.09+04
670118	49481	3A	.02911	.02891	1.06<01	334.7	3.25+04	335.6	8.97+04
670120	23635	3B	.02082	.02067	9.38<00	306.4	5.95+04	311.2	1.07+05
670120	25171	3B	.04523	.04903	5.66<00	304.2	5.79+04	311.8	1.09+05
670120	35667	3B	.02398	.02379	1.10<01	313.2	3.51+04	311.5	6.95+04
670120	36947	3B	.01991	.01988	9.61<00	311.5	4.26+04	317.3	1.69+05
670120	37203	3B	.01874	.01917	8.30<00	315.1	4.17+04	315.1	1.38+05
670120	37971	3B	.04106	.04106	7.52<00	304.9	3.21+04	318.1	1.73+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
670101	81612	3B	.02645	.02686	8.69+00	422.5	1.20+05	431.0	3.62+05
670101	81868	3B	.01655	.01613	1.16+01	424.8	1.31+05	429.0	4.72+05
670103	41683	3A	.00729	.00778	3.56+00	496.6	2.55+05	525.1	5.72+05
670103	42195	3A	.00551	.00661	3.25+00	496.2	2.22+05	531.9	7.68+05
670103	59346	3A	.00659	.02046	2.61+00	478.1	2.35+05	505.7	7.57+05
670103	59858	3A	.00589	.01744	2.65+00	490.2	2.38+05	516.9	9.64+05
670103	85970	3A	.02136	.02225	1.95+00	448.2	1.07+05	467.6	4.40+05
670103	86226	3A	.02830	.02627	1.79+00	445.7	1.20+05	459.8	6.41+05
670106	25934	3B	.01926	.01936	1.17+01	346.8	4.82+04	344.8	1.99+05
670106	37966	3B	.04828	.04804	1.68+01	343.1	4.02+04	342.1	9.63+04
670106	38222	3B	.06334	.06317	1.56+01	344.8	3.87+04	345.1	7.74+04
670106	38478	3B	.06677	.06651	1.66+01	344.7	3.63+04	345.7	6.74+04
670106	41550	3B	.09371	.09213	1.61+01	346.8	3.69+04	344.5	7.60+04
670106	47438	3B	.05529	.05508	1.64+01	344.1	4.13+04	344.7	8.04+04
670106	47694	3B	.06215	.06148	1.54+01	344.5	4.08+04	344.7	8.53+04
670106	48206	3B	.05508	.05497	1.29+01	340.1	3.62+04	341.5	7.20+04
670106	50510	3B	.06119	.06100	9.26+00	336.0	3.94+04	339.3	7.73+04
670106	50766	3B	.03813	.03767	1.28+01	337.5	3.95+04	334.7	6.26+04
670106	51022	3B	.03278	.03202	1.23+01	336.4	3.43+04	337.1	8.92+04
670107	82896	3B	.12024	.12055	7.56+00	430.3	7.11+04	438.0	9.79+04
670107	82896	3A	.12032	.12063	7.56+00	430.3	7.11+04	438.1	9.97+04
670107	83152	3B	.19750	.19685	5.63+00	437.7	7.00+04	438.3	9.75+04
670107	83152	3A	.19780	.19715	5.63+00	437.7	7.00+04	438.3	1.02+05
670108	3920	3A	.07773	.07635	9.44+00	439.2	6.03+04	438.7	1.61+05
670108	3920	3A	.07773	.07635	9.44+00	439.2	6.03+04	438.7	1.61+05
670108	4176	3A	.06583	.06433	8.36+00	438.7	7.66+04	438.9	1.69+05
670108	4176	3A	.06593	.06444	8.36+00	438.7	7.66+04	438.9	1.93+05
670108	6736	3A	.06606	.06476	8.50+00	431.9	5.65+04	436.6	1.99+05
670108	6736	3A	.06622	.06491	8.50+00	431.9	5.65+04	436.7	2.06+05
670108	6992	3A	.08658	.08635	1.07+01	435.8	6.16+04	439.1	1.44+05
670108	27471	3A	.04321	.04468	9.83+00	431.1	1.29+05	452.3	4.92+05
670108	27983	3A	.04834	.04894	1.07+01	432.0	1.39+05	450.5	4.87+05
670108	27983	3A	.04879	.04938	1.07+01	432.0	1.39+05	451.1	5.21+05
670108	36943	3A	.07048	.07687	7.43+00	406.2	1.30+05	414.5	2.98+05
670108	39247	3A	.05672	.06171	1.20+01	403.9	9.02+04	415.0	2.24+05
670108	43343	3A	.06981	.06891	1.24+01	423.8	8.30+04	425.3	3.14+05
670108	43599	3A	.06372	.06022	7.84+00	410.0	9.92+04	408.0	2.53+05
670108	43855	3A	.07344	.07308	1.00+01	413.7	7.62+04	412.4	2.98+05
670108	43855	3A	.07387	.07329	1.00+01	413.7	7.62+04	412.6	3.04+05
670108	46671	3A	.08835	.08504	9.77+00	407.6	7.21+04	409.3	3.14+05
670108	46671	3A	.08845	.08514	9.77+00	407.6	7.21+04	409.3	3.17+05
670108	46927	3A	.09158	.08867	9.15+00	409.5	8.04+04	410.6	3.08+05
670108	46927	3A	.09175	.08863	9.15+00	409.5	8.07+04	410.7	3.13+05
670108	62031	3A	.05192	.05283	5.66+00	362.1	5.58+04	387.4	4.49+05
670108	62799	3A	.03198	.03236	6.62+00	364.0	9.52+04	385.2	3.30+05
670111	25295	3B	.05104	.05110	5.62+00	471.2	6.00+04	474.1	2.11+05
670111	25551	3B	.04928	.04936	6.05+00	471.9	5.72+04	474.1	2.31+05
670111	25807	3B	.04626	.04637	5.65+00	471.7	5.99+04	470.7	2.28+05
670111	26063	3B	.04648	.04601	5.66+00	471.7	5.88+04	475.2	2.43+05
670111	26319	3B	.04492	.04490	5.77+00	469.8	6.01+04	470.0	2.21+05
670111	28367	3B	.07985	.07906	6.96+00	460.0	8.25+04	464.0	1.64+05
670111	28623	3B	.04666	.04683	7.47+00	465.6	6.22+04	468.1	2.03+05
670111	39119	3B	.06459	.06438	3.66+00	445.9	7.54+04	439.2	2.90+05
670111	49103	3B	.05375	.05355	6.56+00	441.9	6.60+04	441.5	1.63+05
670111	60880	3B	.19319	.19268	2.42+00	430.4	4.43+04	441.8	1.46+05
670111	61136	3B	.08065	.08000	5.97+00	434.7	4.71+04	439.3	1.26+05
670111	63184	3B	.06472	.06465	8.09+00	431.4	3.89+04	435.2	1.08+05
670111	63440	3B	.14143	.14135	4.95+00	424.2	3.72+04	431.0	1.39+05
670113	13772	3A	.02148	.02131	6.60+00	343.9	2.51+04	351.8	1.85+05
670113	42188	3A	.05900	.05978	1.40+01	340.4	8.33+04	335.8	2.34+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661226	77401	3A	.01451	.01270	8.69+00	470.5	1.60+05	486.1	5.92+05
661226	4825	3A	.01048	.02514	1.03+01	491.6	2.01+05	520.9	6.15+05
661226	5081	3A	.00892	.01046	1.10+01	486.8	1.95+05	516.6	5.18+05
661226	5337	3A	.01023	.02673	1.06+01	493.1	1.70+05	523.0	9.91+05
661226	5593	3A	.01261	.02823	1.07+01	483.4	1.88+05	504.3	7.47+05
661226	7385	3A	.01561	.01943	7.17+00	505.2	1.89+05	536.0	7.07+05
661226	9945	3A	.03761	.03766	6.28+00	547.0	3.40+05	574.1	9.79+05
661226	25816	3A	.01931	.02194	6.25+00	570.0	3.84+05	624.4	9.27+05
661226	26072	3A	.01649	.01645	6.31+00	579.1	3.71+05	628.1	9.60+05
661226	26328	3A	.01290	.01655	6.01+00	568.6	3.52+05	625.6	7.46+05
661226	28376	3A	.02918	.03360	5.77+00	578.9	3.43+05	632.8	1.47+06
661226	31192	3A	.01499	.01876	7.33+00	622.4	4.47+05	671.6	1.10+06
661227	14666	3B	.02577	.02567	5.60+00	657.5	4.02+05	694.9	1.61+06
661227	15690	3B	.01597	.01501	5.68+00	608.4	6.10+05	714.6	1.63+06
661227	22090	3B	.07784	.08555	4.73+00	600.5	3.20+05	657.1	1.56+06
661227	22346	3B	.03629	.03927	5.52+00	591.8	3.30+05	613.2	9.61+05
661227	24906	3B	.07242	.01792	3.82+00	599.6	4.11+05	617.9	6.50+05
661227	25162	3B	.03179	.03538	4.65+00	585.8	3.59+05	624.3	1.06+06
661227	25418	3B	.06005	.06769	5.43+00	619.6	4.23+05	657.6	1.01+06
661227	39242	3B	.02842	.03743	4.45+00	614.3	4.68+05	696.8	1.90+06
661227	41546	3B	.02954	.03386	3.95+00	622.5	4.79+05	662.9	9.48+05
661227	41802	3B	.03150	.03255	4.09+00	635.5	3.64+05	657.4	1.19+06
661227	42058	3B	.02976	.03169	4.61+00	620.5	4.26+05	668.2	1.51+06
661227	61258	3B	.03158	.07180	3.10+00	619.6	2.57+05	658.4	2.28+06
661227	64074	3B	.03765	.03746	2.45+00	597.7	1.78+05	612.7	1.99+06
661229	42070	3A	.03458	.03473	1.99+00	451.2	9.65+04	455.5	5.12+05
661230	14806	3A	.07760	.07608	3.51+00	419.6	7.23+04	421.1	2.95+05
661230	15062	3A	.06167	.06080	4.60+00	415.7	9.91+04	424.6	2.49+05
661230	16854	3A	.07915	.07901	3.57+00	412.9	7.48+04	420.1	2.84+05
661230	17622	3A	.07869	.07966	3.52+00	413.0	7.80+04	417.1	3.07+05
661230	44501	3A	.05013	.05073	3.61+00	429.2	8.59+04	427.8	2.60+05
661230	46293	3A	.07287	.07226	3.63+00	422.7	8.85+04	431.6	2.85+05
661230	57813	3A	.05939	.06068	3.74+00	393.5	5.33+04	402.8	2.44+05
661230	61397	3A	.10840	.10555	3.26+00	355.4	1.65+05	367.7	5.46+05
670101	3020	3B	.07741	.07755	9.70+00	355.1	4.81+04	357.5	1.71+05
670101	20940	3B	.08984	.08946	6.57+00	368.6	1.99+04	364.6	1.92+05
670101	21708	3B	.02450	.02431	8.20+00	372.4	3.04+04	369.5	1.37+05
670101	21964	3B	.02208	.02208	1.64+01	371.9	5.90+04	376.7	1.35+05
670101	22220	3B	.01472	.01489	7.71+00	380.4	4.37+04	372.7	2.06+05
670101	22476	3B	.07138	.07104	7.03+00	376.2	3.56+04	384.1	1.16+05
670101	36566	3B	.02510	.02464	1.13+01	366.5	5.62+04	366.1	2.44+05
670101	36812	3B	.03392	.03386	8.12+00	390.4	3.63+04	389.7	1.92+05
670101	37068	3B	.02713	.02472	1.09+01	381.1	6.23+04	379.3	2.41+05
670101	39110	3B	.02812	.02565	1.19+01	410.4	8.42+04	403.7	3.85+05
670101	39372	3B	.02722	.02694	1.25+01	412.9	8.57+04	411.6	3.64+05
670101	40908	3B	.02839	.02763	1.10+01	414.7	8.55+04	415.1	4.64+05
670101	41420	3B	.03041	.03000	1.08+01	410.2	9.42+04	411.6	4.68+05
670101	41676	3B	.02874	.02632	1.03+01	409.1	9.00+04	410.3	3.79+05
670101	41932	3B	.01738	.01939	1.25+01	406.6	1.28+05	408.3	2.67+05
670101	43468	3B	.03051	.02620	1.28+01	420.8	8.23+04	415.4	5.29+05
670101	43724	3B	.02088	.02138	1.15+01	409.9	1.09+05	417.7	2.87+05
670101	53452	3B	.02689	.03195	1.09+01	408.2	1.17+05	409.0	2.96+05
670101	53708	3B	.04481	.04341	9.79+00	405.1	9.84+04	409.3	3.68+05
670101	53964	3B	.04172	.04088	1.01+01	408.0	1.00+05	411.2	3.72+05
670101	65484	3B	.04082	.04473	1.06+01	386.2	1.07+05	392.4	3.04+05
670101	66508	3B	.04473	.04616	1.10+01	387.3	1.23+05	394.9	4.70+05
670101	67276	3B	.03706	.03625	1.17+01	399.8	1.28+05	406.3	4.41+05
670101	67532	3B	.03967	.03860	1.11+01	397.7	1.27+05	405.5	4.07+05
670101	80588	3B	.02607	.02569	7.87+00	410.4	1.08+05	417.3	2.52+05
670101	80844	3B	.03795	.03840	7.18+00	417.5	1.25+05	424.7	2.22+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661215	7265	3A	.03527	.03547	8.21+00	521.7	1.15+05	526.6	5.31+05
661215	7521	3A	.04148	.03942	7.86+00	521.3	1.44+05	523.0	5.27+05
661215	7777	3A	.06308	.06550	6.86+00	515.8	1.79+05	528.8	5.36+05
661215	8033	3A	.08124	.07750	5.10+00	509.9	1.32+05	516.7	5.03+05
661215	9825	3A	.00817	.00813	5.30+00	512.3	8.58+04	505.2	4.99+05
661215	15969	3A	.04826	.04826	8.27+00	521.1	7.60+04	516.4	2.04+05
661215	16224	3A	.08291	.08276	7.81+00	495.1	4.23+04	501.1	1.79+05
661215	44896	3A	.06563	.06464	7.22+00	457.0	6.97+04	453.8	2.01+05
661215	45408	3A	.32154	.31833	2.22+00	462.5	6.59+04	453.4	2.36+05
661215	72288	3A	.03623	.03561	3.56+00	467.7	8.99+04	476.8	5.64+05
661215	72544	3A	.03626	.03475	3.31+00	464.9	8.10+04	472.8	5.59+05
661215	73312	3A	.04378	.04461	3.64+00	467.9	8.39+04	473.6	4.53+05
661215	73568	3A	.06218	.05664	3.02+00	444.3	6.82+04	459.7	5.42+05
661215	73824	3A	.04252	.03966	3.91+00	463.6	8.70+04	467.0	5.52+05
661215	64320	3A	.05966	.05904	3.28+00	496.1	9.53+04	496.7	5.02+05
661215	84576	3A	.06722	.06411	2.94+00	492.3	9.17+04	489.8	4.87+05
661215	84832	3A	.05396	.05164	3.56+00	480.6	9.23+04	489.6	5.41+05
661215	85088	3A	.05812	.05891	3.33+00	473.2	1.00+05	484.9	4.65+05
661215	85600	3A	.05408	.05514	3.82+00	476.8	1.20+05	491.6	4.21+05
661215	85856	3A	.06819	.06978	3.38+00	471.7	1.03+05	486.4	5.20+05
661217	43334	3B	.05554	.05547	7.46+00	366.2	2.60+04	365.9	6.37+04
661220	7133	3A	.02686	.03725	4.09+00	352.7	1.53+05	385.8	3.30+05
661220	25821	3A	.02727	.03389	2.80+00	407.5	2.04+05	424.7	3.06+05
661220	26589	3A	.05649	.07137	2.24+00	369.5	1.43+05	364.0	1.71+05
661220	30685	3A	.02557	.02483	2.30+00	388.3	1.45+05	412.8	2.57+05
661220	31197	3A	.03122	.03404	2.91+00	390.8	1.96+05	421.1	3.87+05
661220	49885	3A	.02156	.02223	4.26+00	385.8	1.79+05	422.8	2.83+05
661220	50141	3A	.00930	.01028	2.91+00	384.4	1.89+05	400.9	2.50+05
661220	71644	3A	.04656	.05292	3.00+00	376.8	1.57+05	402.3	3.73+05
661220	74716	3A	.03363	.16639	3.29+00	363.7	2.03+05	415.6	3.58+05
661221	19292	3A	.04639	.04575	3.85+00	410.8	9.67+04	411.6	3.73+05
661221	19804	3A	.05000	.04858	3.90+00	384.8	1.01+05	395.8	4.57+05
661223	75849	3B	.12351	.12287	7.25+00	430.3	1.28+05	436.5	2.61+05
661223	76105	3B	.09096	.09048	1.39+01	426.5	7.65+04	420.6	2.67+05
661223	76361	3B	.07199	.07000	1.31+01	433.5	7.94+04	426.8	2.27+05
661224	39130	3A	.00461	.03246	6.85+00	490.6	3.50+05	662.8	2.35+06
661224	39366	3A	.01802	.01483	3.22+00	470.9	2.55+05	502.5	7.48+05
661224	52186	3A	.01708	.04381	3.33+00	498.3	3.05+05	552.8	1.72+06
661224	65754	3A	.01730	.03423	2.59+00	500.6	1.46+05	527.1	1.11+06
661224	66010	3A	.01289	.01305	3.59+00	476.9	2.38+05	531.0	7.36+05
661224	79578	3A	.01599	.01692	2.62+00	529.6	2.33+05	557.1	9.46+05
661225	5466	3A	.01174	.01200	4.13+00	456.6	1.95+05	509.7	8.24+05
661225	5722	3A	.00990	.02399	4.28+00	455.3	1.76+05	498.7	6.94+05
661225	7258	3A	.00836	.00881	4.53+00	458.1	1.88+05	511.1	8.12+05
661225	7514	3A	.00818	.02838	5.03+00	442.9	2.17+05	491.7	8.01+05
661225	7770	3A	.00860	.01897	4.70+00	439.8	1.59+05	462.2	5.61+05
661225	8026	3A	.00874	.03867	4.56+00	441.3	1.87+05	482.1	6.75+05
661225	8282	3A	.00945	.00967	4.73+00	449.2	1.87+05	497.1	6.50+05
661225	10074	3A	.01027	.02258	5.22+00	438.0	1.78+05	456.9	6.14+05
661225	12122	3A	.00571	.01115	5.25+00	436.5	2.07+05	463.8	3.23+05
661225	24153	3A	.00483	.00469	3.54+00	432.9	7.42+04	452.0	4.82+05
661225	54617	3A	.01564	.01563	4.61+00	499.8	5.31+04	494.3	4.14+05
661225	55129	3A	.01126	.01118	4.49+00	473.9	8.12+04	495.4	5.91+05
661225	55385	3A	.00962	.00911	4.24+00	480.7	7.68+04	478.0	4.25+05
661225	55641	3A	.01229	.01238	4.17+00	480.3	7.51+04	478.8	4.71+05
661225	76121	3A	.01453	.01624	9.29+00	473.3	1.58+05	492.6	5.97+05
661225	76377	3A	.01376	.01355	8.86+00	480.1	1.49+05	498.8	6.35+05
661225	76633	3A	.01254	.03317	8.39+00	472.7	1.62+05	485.1	5.81+05
661225	76889	3A	.01419	.01789	9.16+00	467.0	1.74+05	488.7	5.51+05
661225	77145	3A	.01271	.01406	8.37+00	472.1	1.62+05	498.9	5.83+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661211	20579	3A	.00802	.00823	5.53+00	380.4	1.09+05	400.9	4.00+05
661211	20635	3A	.00927	.02029	5.81+00	380.9	1.12+05	405.5	5.37+05
661211	21091	3A	.00872	.02086	5.48+00	347.5	1.07+05	353.6	2.21+05
661211	21347	3A	.01217	.03440	5.50+00	349.2	1.14+05	378.4	5.50+05
661211	21603	3A	.01797	.05033	5.04+00	351.4	1.16+05	353.4	3.60+05
661211	22863	3A	.00998	.03655	4.63+00	358.4	1.18+05	382.1	4.52+05
661211	23138	3A	.00648	.02614	4.75+00	357.1	1.16+05	383.8	3.68+05
661211	23395	3A	.01609	.04778	4.41+00	357.5	1.24+05	375.1	5.11+05
661211	23651	3A	.01151	.03156	4.75+00	358.8	1.02+05	356.2	1.97+05
661211	23907	3A	.01024	.01167	4.87+00	350.1	1.03+05	365.9	2.88+05
661211	25699	3A	.00756	.00757	3.82+00	348.2	1.00+05	376.4	3.17+05
661211	25955	3A	.01294	.01207	4.00+00	342.7	1.15+05	358.5	3.60+05
661211	26211	3A	.01166	.02726	4.63+00	351.3	1.12+05	360.5	3.57+05
661211	27747	3A	.00547	.01137	2.85+00	382.1	1.19+05	395.3	4.29+05
661211	28259	3A	.00641	.01452	3.10+00	381.6	1.29+05	399.6	4.23+05
661211	28515	3A	.01058	.00835	2.77+00	384.3	1.18+05	404.9	4.04+05
661211	34915	3A	.00871	.00846	3.41+00	374.5	1.03+05	419.0	4.82+05
661211	35171	3A	.01138	.01093	3.31+00	368.3	1.11+05	394.6	3.84+05
661211	35939	3A	.00958	.00952	3.05+00	374.3	1.08+05	400.8	3.82+05
661211	37475	3A	.00777	.00782	4.03+00	372.9	1.02+05	380.2	3.50+05
661211	37731	3A	.00648	.00751	3.80+00	371.0	1.04+05	382.1	2.33+05
661211	37987	3A	.00975	.00957	3.86+00	371.0	9.37+04	398.8	3.48+05
661211	38243	3A	.01622	.04068	3.91+00	363.0	1.00+05	367.4	3.41+05
661211	38499	3A	.00965	.01175	4.93+00	368.5	1.10+05	390.7	2.98+05
661211	48739	3A	.02146	.02252	5.15+00	355.1	9.70+04	363.2	3.54+05
661211	48995	3A	.01638	.01628	4.93+00	354.8	9.63+04	359.1	3.53+05
661211	49763	3A	.01805	.01784	5.25+00	351.0	9.22+04	359.0	3.72+05
661211	51043	3A	.01423	.01472	5.17+00	351.6	9.64+04	367.3	2.91+05
661211	51299	3A	.01979	.01707	5.36+00	349.9	1.02+05	361.1	4.64+05
661211	51555	3A	.01748	.01641	5.36+00	352.3	1.02+05	360.5	3.07+05
661211	51811	3A	.01335	.01082	5.53+00	348.8	1.07+05	367.0	3.15+05
661211	52067	3A	.01314	.01088	5.33+00	349.9	1.01+05	370.3	3.87+05
661211	52323	3A	.01581	.01664	5.88+00	350.4	1.11+05	362.7	3.03+05
661211	63587	3A	.01340	.01522	4.73+00	348.6	9.75+04	370.6	2.36+05
661211	63843	3A	.01242	.01337	3.98+00	348.6	8.92+04	372.5	2.63+05
661211	64099	3A	.00940	.00910	4.66+00	350.9	8.63+04	375.9	1.98+05
661211	65635	3A	.01599	.01849	3.59+00	354.8	8.74+04	375.7	4.07+05
661211	65891	3A	.01408	.01413	3.51+00	358.4	7.74+04	373.6	3.34+05
661211	66147	3A	.01325	.01317	3.15+00	371.2	7.48+04	380.6	2.92+05
661211	70755	3A	.01211	.01248	2.77+00	357.2	1.13+05	374.6	2.91+05
661211	71011	3A	.01059	.03578	2.66+00	359.3	1.33+05	383.9	4.07+05
661211	71267	3A	.01307	.01552	2.82+00	355.0	1.09+05	369.5	3.16+05
661213	12101	3B	.08964	.09441	1.51+01	401.4	1.93+05	410.8	4.00+05
661213	13637	3B	.02713	.10272	1.31+01	428.9	4.51+05	492.1	1.01+06
661213	26949	3B	.02416	.02840	1.64+01	441.8	2.32+05	466.2	5.59+05
661213	59717	3B	.07109	.06828	1.36+01	438.9	8.87+04	439.6	2.33+05
661214	77537	3A	.04670	.04973	6.04+00	526.0	1.55+05	505.0	3.03+05
661214	78561	3A	.03073	.03254	7.16+00	541.1	1.43+05	539.9	5.17+05
661214	84705	3A	.07270	.07132	7.11+00	513.1	1.01+05	506.9	3.88+05
661215	97	3A	.03144	.03214	7.08+00	492.0	9.77+04	500.1	3.02+05
661215	353	3A	.10003	.09692	4.36+00	509.8	1.41+05	519.0	2.82+05
661215	609	3A	.05652	.05711	5.85+00	510.4	9.74+04	511.7	3.23+05
661215	665	3A	.04665	.04765	5.61+00	502.5	1.32+05	506.6	4.88+05
661215	1121	3A	.05195	.04818	6.38+00	504.5	1.45+05	507.3	6.30+05
661215	2657	3A	.03501	.03412	5.68+00	533.0	1.27+05	527.3	6.64+05
661215	3169	3A	.03260	.03395	8.02+00	534.4	1.53+05	542.0	6.27+05
661215	3425	3A	.03331	.03111	7.82+00	545.2	1.39+05	543.6	6.65+05
661215	4961	3A	.08201	.08211	9.73+00	526.6	1.46+05	525.4	4.70+05
661215	5473	3A	.06094	.06071	8.95+00	500.6	1.49+05	533.8	4.21+05
661215	5729	3A	.07239	.06668	7.65+00	497.2	1.60+05	510.0	8.12+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661210	69859	3A	.00882	.00863	6.36+00	419.8	9.32+04	429.6	4.82+05
661210	70115	3A	.01223	.00636	5.88+00	419.8	9.55+04	413.6	6.35+05
661210	70371	3A	.01005	.00974	5.89+00	407.1	7.52+04	407.1	4.22+05
661210	70627	3A	.01074	.01058	5.92+00	373.8	8.58+04	389.1	4.21+05
661210	72163	3A	.00718	.00683	6.28+00	375.2	9.64+04	393.2	3.30+05
661210	72419	3A	.00759	.00723	7.11+00	376.5	1.03+05	391.8	2.63+05
661210	72675	3A	.00729	.00697	6.39+00	374.0	8.93+04	397.3	3.64+05
661210	72931	3A	.01059	.01025	7.15+00	373.5	8.40+04	381.1	4.01+05
661210	77283	3A	.01380	.01391	7.48+00	385.9	1.11+05	395.9	4.32+05
661210	77539	3A	.01167	.01174	6.37+00	397.1	1.01+05	407.4	2.86+05
661210	78307	3A	.01378	.01278	7.25+00	394.3	1.03+05	398.3	3.31+05
661210	79843	3A	.01339	.01377	7.67+00	380.6	9.91+04	384.6	3.60+05
661210	80099	3A	.01518	.01175	7.88+00	382.8	9.60+04	385.4	4.19+05
661210	80355	3A	.01359	.01150	8.15+00	385.5	9.89+04	389.0	3.42+05
661210	80611	3A	.01232	.01184	8.11+00	373.0	1.13+05	398.1	5.06+05
661210	80867	3A	.01195	.01328	7.24+00	377.9	1.13+05	386.1	3.86+05
661210	82403	3A	.01177	.01214	7.84+00	378.1	1.09+05	388.1	4.38+05
661210	82659	3A	.01279	.01263	8.73+00	380.7	9.29+04	381.8	3.63+05
661210	82915	3A	.01014	.01076	9.07+00	374.7	1.09+05	381.3	3.03+05
661210	83171	3A	.01450	.01402	7.74+00	373.4	9.63+04	377.7	3.10+05
661210	84707	3A	.01216	.01264	7.93+00	380.0	1.07+05	390.2	3.48+05
661210	84963	3A	.01255	.01308	8.18+00	379.2	1.09+05	388.3	3.46+05
661210	85219	3A	.01358	.01351	7.93+00	374.7	9.92+04	386.6	3.93+05
661210	85475	3A	.01087	.01055	8.44+00	374.8	9.45+04	381.8	3.43+05
661210	85731	3A	.01002	.00967	8.08+00	373.9	9.49+04	399.3	3.64+05
661211	667	3A	.01450	.01393	8.00+00	378.6	9.93+04	380.2	3.08+05
661211	1123	3A	.01184	.01203	7.88+00	371.5	9.29+04	384.5	4.03+05
661211	1379	3A	.01163	.01129	7.69+00	370.4	8.91+04	378.3	3.51+05
661211	1635	3A	.01361	.01610	7.83+00	364.1	9.31+04	367.9	2.71+05
661211	3171	3A	.01057	.03357	8.21+00	365.2	1.07+05	374.0	3.76+05
661211	3427	3A	.00752	.00849	8.22+00	367.9	9.00+04	380.9	3.17+05
661211	3683	3A	.01260	.03690	7.87+00	365.3	1.05+05	376.7	4.50+05
661211	3939	3A	.00961	.01065	7.76+00	371.8	9.74+04	386.2	3.67+05
661211	4195	3A	.01263	.01229	8.49+00	368.9	8.47+04	379.3	2.91+05
661211	5475	3A	.01023	.00988	8.69+00	377.6	1.17+05	383.8	3.39+05
661211	5731	3A	.01215	.02422	8.31+00	375.3	1.14+05	383.4	5.30+05
661211	5987	3A	.00923	.00970	7.57+00	365.1	1.08+05	387.4	4.17+05
661211	6243	3A	.01188	.02294	7.24+00	366.5	1.07+05	380.1	3.82+05
661211	6499	3A	.00823	.00795	6.07+00	365.2	1.14+05	395.8	3.35+05
661211	7011	3A	.00880	.00950	8.54+00	364.9	1.08+05	382.9	3.43+05
661211	8547	3A	.01270	.03048	5.78+00	365.1	9.97+04	372.7	5.73+05
661211	8803	3A	.01117	.01203	5.89+00	363.0	9.38+04	372.2	4.14+05
661211	9059	3A	.01054	.00915	5.97+00	359.5	9.20+04	376.0	4.29+05
661211	9315	3A	.00611	.01234	5.28+00	380.6	1.14+05	394.7	3.85+05
661211	10851	3A	.01371	.03040	6.55+00	372.1	1.15+05	388.3	5.98+05
661211	11107	3A	.01143	.02375	6.57+00	367.1	1.25+05	384.6	4.26+05
661211	11363	3A	.01420	.01248	6.45+00	374.5	1.16+05	392.2	4.32+05
661211	11619	3A	.00948	.00916	6.00+00	374.0	1.01+05	394.5	3.72+05
661211	11975	3A	.01221	.01237	6.22+00	374.3	1.13+05	382.8	3.53+05
661211	13411	3A	.01054	.01076	5.97+00	374.5	1.25+05	391.1	3.53+05
661211	13667	3A	.00804	.00819	5.56+00	372.6	1.32+05	382.0	2.27+05
661211	13923	3A	.01079	.01038	5.26+00	370.6	1.16+05	380.8	3.15+05
661211	14179	3A	.00938	.00878	5.27+00	366.7	1.18+05	376.1	2.99+05
661211	15971	3A	.01218	.00949	5.77+00	382.0	1.15+05	383.4	3.28+05
661211	16483	3A	.01281	.00986	5.75+00	377.8	1.14+05	384.3	3.84+05
661211	16739	3A	.00810	.01694	5.51+00	379.4	1.17+05	397.9	4.19+05
661211	18275	3A	.00826	.01006	5.18+00	374.8	1.19+05	386.3	3.33+05
661211	18531	3A	.01351	.01519	5.00+00	369.0	1.33+05	383.6	3.27+05
661211	18787	3A	.00745	.00759	5.96+00	368.2	1.23+05	390.2	5.09+05
661211	19043	3A	.00880	.01965	5.64+00	372.2	1.20+05	370.8	2.46+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
661202	39656	3A	.04082	.04254	3.13+00	393.7	6.38+04	402.4	2.61+05
661202	39912	3A	.03741	.03716	3.24+00	393.8	5.83+04	398.5	3.75+05
661202	40680	3A	.03978	.03952	3.10+00	406.2	6.47+04	410.5	2.87+05
661202	41960	3A	.03853	.03866	3.05+00	407.9	4.85+04	408.8	2.45+05
661202	42216	3A	.04130	.04104	3.00+00	406.5	4.93+04	411.4	4.72+05
661203	46657	3B	.06022	.06049	6.33+00	354.9	3.72+04	351.6	1.22+05
661203	60225	3B	.05888	.05826	7.16+00	338.6	4.06+04	341.1	1.05+05
661203	61249	3B	.05436	.05376	7.61+00	349.1	5.88+04	351.0	1.76+05
661203	61505	3B	.06169	.06082	7.26+00	345.5	4.91+04	344.0	1.55+05
661203	61761	3B	.05526	.05458	7.46+00	341.1	4.92+04	343.0	1.25+05
661204	3521	3B	.01889	.02243	1.32+01	334.6	1.29+05	359.1	3.19+05
661204	3777	3B	.03256	.03862	9.54+00	334.6	1.23+05	347.3	2.39+05
661204	4033	3B	.01684	.02579	1.32+01	341.3	1.39+05	355.2	2.48+05
661204	4289	3B	.03306	.03291	1.22+01	347.0	6.89+04	350.5	2.49+05
661204	4545	3B	.03687	.03610	1.13+01	352.4	6.32+04	356.6	2.77+05
661204	4801	3B	.04446	.04093	1.09+01	348.2	6.21+04	351.9	3.15+05
661204	49345	3B	.02284	.13144	5.60+00	479.3	3.18+05	533.7	7.79+05
661205	63334	3A	.02649	.02744	3.51+00	534.6	2.61+05	557.9	1.19+06
661205	64870	3A	.01385	.01378	3.51+00	566.0	2.53+05	601.4	1.05+06
661205	65126	3A	.01375	.01405	2.94+00	576.9	2.74+05	627.3	1.06+06
661205	65382	3A	.01516	.01545	3.14+00	561.6	2.67+05	608.8	1.11+06
661205	65638	3A	.01458	.01280	3.08+00	565.5	2.68+05	609.4	1.10+06
661205	66662	3A	.01033	.01125	3.55+00	559.5	3.01+05	623.7	8.50+05
661206	52198	3A	.01187	.01177	1.49+00	567.6	1.22+05	599.8	1.40+06
661206	52454	3A	.00914	.00954	1.50+00	573.5	1.40+05	572.4	1.15+06
661206	52710	3A	.00981	.00782	1.57+00	555.4	1.27+05	550.3	8.54+05
661206	61658	3B	.00893	.00983	4.40+00	354.4	6.93+04	382.4	4.06+05
661206	62862	3B	.00465	.00586	6.89+00	342.8	1.34+05	369.4	2.67+05
661206	64162	3B	.01285	.01357	4.25+00	361.4	7.30+04	359.8	3.49+05
661210	34787	3A	.01795	.01846	6.61+00	330.9	2.91+04	319.8	1.83+05
661210	43491	3A	.00491	.00510	1.66+01	328.3	9.17+04	353.2	1.69+05
661210	43747	3A	.01640	.01641	6.01+00	340.9	4.52+04	331.4	2.47+05
661210	44003	3A	.01387	.01409	6.84+00	341.1	6.64+04	355.0	2.36+05
661210	44259	3A	.01807	.01781	5.79+00	344.0	4.64+04	347.8	3.12+05
661210	45795	3A	.01480	.01483	5.49+00	338.6	4.32+04	343.1	2.08+05
661210	46051	3A	.01094	.01115	7.07+00	330.5	6.07+04	340.4	1.75+05
661210	46819	3A	.01490	.01336	5.71+00	337.7	4.21+04	340.8	3.19+05
661210	53987	3A	.02482	.02481	4.92+00	304.5	2.14+04	309.8	2.00+05
661210	55523	3A	.00851	.00840	1.25+01	318.7	3.89+04	333.5	8.92+04
661210	57827	3A	.01039	.01035	6.00+00	339.8	3.38+04	343.7	1.32+05
661210	58083	3A	.00951	.00950	5.85+00	335.2	2.81+04	334.4	1.04+05
661210	68339	3A	.01157	.01151	5.03+00	349.8	2.74+04	353.9	1.72+05
661210	58595	3A	.00897	.00983	4.57+00	350.4	3.35+04	356.6	2.00+05
661210	60131	3A	.00647	.00493	4.93+00	392.6	1.15+05	400.6	3.88+05
661210	60387	3A	.00286	.00292	4.59+00	393.1	1.25+05	421.3	2.51+05
661210	60643	3A	.00368	.00365	4.77+00	381.8	1.17+05	396.6	3.44+05
661210	62435	3A	.00226	.00239	4.47+00	376.4	1.16+05	411.7	4.32+05
661210	62691	3A	.00521	.00620	4.44+00	379.7	1.02+05	394.3	3.75+05
661210	62947	3A	.00682	.01463	4.43+00	376.6	1.04+05	399.0	7.79+05
661210	63203	3A	.00632	.00606	4.58+00	377.8	1.05+05	397.3	3.76+05
661210	63459	3A	.00466	.00525	4.13+00	368.9	1.24+05	409.0	4.04+05
661210	64995	3A	.00489	.00475	5.17+00	395.8	9.37+04	411.4	3.33+05
661210	65251	3A	.00362	.00365	5.82+00	389.1	9.86+04	413.4	3.37+05
661210	65507	3A	.00414	.00454	5.80+00	393.1	1.02+05	408.6	2.89+05
661210	65763	3A	.00504	.00495	4.66+00	484.5	9.19+04	418.4	3.22+05
661210	66019	3A	.00380	.00367	5.20+00	366.2	1.07+05	425.2	4.75+05
661210	67555	3A	.00535	.00573	4.81+00	395.8	9.80+04	411.8	3.68+05
661210	67811	3A	.00556	.00546	5.07+00	397.6	9.88+04	404.3	4.64+05
661210	68067	3A	.00585	.00563	6.50+00	391.7	8.20+04	416.5	3.12+05
661210	68323	3A	.00824	.00825	7.37+00	382.6	8.74+04	409.8	5.03+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL.	P TRMP	A VEL.	A TEMP
661127	21612	3A	.03937	.03914	5.38+00	412.0	3.82+04	413.4	1.07+05
661127	21868	3A	.03762	.03748	5.97+00	413.3	3.78+04	414.1	1.14+05
661127	26476	3A	.06322	.06295	7.67+00	369.7	3.77+04	388.4	8.30+04
661127	26732	3A	.05222	.05212	8.22+00	388.9	3.74+04	389.1	1.01+05
661127	26988	3A	.05167	.05113	7.49+00	388.5	3.89+04	386.4	8.68+04
661127	28268	3A	.05274	.05192	1.06+01	388.3	4.80+04	391.5	1.30+05
661127	28524	3A	.05281	.05288	7.81+00	385.5	3.01+04	390.0	9.07+04
661127	29292	3A	.05307	.05320	6.50+00	386.6	4.32+04	386.9	8.99+04
661127	54123	3A	.02360	.02278	3.95+00	370.7	3.97+04	374.7	3.25+05
661127	54379	3A	.01992	.01902	3.70+00	371.0	4.32+04	366.0	2.53+05
661127	54635	3A	.01844	.01866	3.65+00	367.2	4.54+04	371.5	2.26+05
661127	54891	3A	.02455	.02498	3.65+00	372.7	4.16+04	366.9	2.22+05
661127	55147	3A	.01770	.01767	3.93+00	376.4	4.13+04	386.6	2.26+05
661127	70251	3A	.03983	.03966	1.03+01	376.7	5.06+04	377.0	1.25+05
661127	70763	3A	.02870	.02883	1.04+01	373.9	4.86+04	374.5	1.13+05
661128	72383	3B	.03887	.04038	6.63+00	543.5	2.30+05	589.4	1.14+06
661128	72639	3B	.03387	.03707	6.44+00	538.2	2.33+05	585.7	9.51+05
661128	85605	3B	.03025	.03910	5.43+00	514.2	2.76+05	578.0	8.56+05
661128	85951	3B	.03611	.04462	6.38+00	529.5	2.42+05	578.7	8.22+05
661129	18239	3B	.00467	.00502	7.18+00	511.1	2.34+05	573.6	1.32+06
661129	18495	3B	.00942	.00925	4.68+00	513.4	2.85+05	564.5	7.80+05
661129	68671	3B	.01651	.01649	7.12+00	391.1	3.90+04	390.2	9.09+04
661129	69163	3B	.00501	.00533	8.50+00	393.6	5.53+04	370.6	1.47+05
661130	79849	3A	.01544	.01754	4.51+00	443.3	1.74+05	475.1	5.30+05
661201	6249	3A	.01547	.01808	6.25+00	461.6	1.63+05	475.1	5.11+05
661201	6505	3A	.01468	.01423	6.61+00	464.5	1.54+05	481.8	6.26+05
661201	6761	3A	.01503	.01536	6.63+00	477.5	1.41+05	486.9	4.80+05
661201	7017	3A	.01399	.01402	6.74+00	464.6	1.54+05	483.5	6.40+05
661201	7529	3A	.01416	.01493	6.00+00	478.1	1.38+05	498.0	6.02+05
661201	7785	3A	.01370	.01337	6.54+00	478.6	1.33+05	484.8	5.39+05
661201	37225	3A	.02632	.02681	3.42+00	467.6	1.07+05	486.8	4.13+05
661201	37481	3A	.03611	.03641	3.12+00	463.5	7.08+04	491.4	4.65+05
661201	37737	3A	.03919	.03969	2.95+00	477.6	8.26+04	493.3	4.68+05
661201	60285	3A	.04156	.04169	3.05+00	465.4	8.70+04	488.0	3.74+05
661201	61033	3A	.02130	.02148	2.67+00	455.0	8.39+04	465.7	3.02+05
661201	62569	3A	.07798	.07894	3.30+00	462.2	7.52+04	467.0	3.71+05
661201	62825	3A	.08025	.08162	3.36+00	461.3	8.66+04	466.1	3.72+05
661201	63081	3A	.06564	.06542	3.42+00	463.0	7.63+04	473.8	3.79+05
661201	63337	3A	.07837	.07925	3.38+00	461.6	8.15+04	487.7	4.29+05
661201	63593	3A	.06520	.06689	3.50+00	458.3	8.10+04	466.5	4.50+05
661201	64873	3A	.07760	.07724	3.38+00	457.0	7.72+04	456.5	3.56+05
661201	65129	3A	.06343	.06324	3.37+00	452.5	6.41+04	457.4	3.60+05
661201	65385	3A	.07531	.07105	3.22+00	456.0	8.38+04	450.8	4.87+05
661201	65641	3A	.08870	.08779	3.67+00	456.7	8.31+04	481.8	3.12+05
661201	65897	3A	.08587	.08558	3.99+00	458.0	8.03+04	460.4	3.40+05
661201	67433	3A	.06199	.05243	4.13+00	457.3	8.72+04	462.9	3.78+05
661201	67689	3A	.05806	.05732	3.20+00	450.0	8.64+04	455.8	4.16+05
661201	67945	3A	.06933	.06859	2.64+00	452.1	8.12+04	458.7	3.54+05
661201	68201	3A	.06265	.06323	3.39+00	448.1	9.92+04	459.6	3.98+05
661201	69737	3A	.07400	.07376	2.70+00	455.6	7.79+04	457.3	3.55+05
661201	69993	3A	.06151	.06154	2.78+00	457.2	8.40+04	464.8	2.80+05
661201	70249	3A	.06687	.06737	2.93+00	455.3	8.90+04	464.6	3.88+05
661201	81001	3A	.05800	.05665	2.92+00	441.3	7.54+04	446.0	2.84+05
661201	81257	3A	.04180	.04049	3.45+00	435.3	8.88+04	445.2	4.03+05
661201	82025	3A	.03899	.03925	3.09+00	421.0	6.39+04	431.5	4.78+05
661201	83817	3A	.04897	.04737	3.54+00	452.4	6.46+04	446.6	3.29+05
661202	12777	3A	.05410	.05390	2.57+00	429.6	8.17+04	435.6	2.74+05
661202	13289	3A	.05872	.05867	2.65+00	428.0	8.17+04	438.8	3.28+05
661202	13801	3A	.04465	.04465	3.14+00	435.7	7.29+04	437.0	2.20+05
661202	16617	3A	.05014	.05055	2.65+00	420.2	7.12+04	434.5	3.00+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661122	28654	3A	.05620	.05600	3.86+00	379.7	1.22+05	400.9	4.63+05
661122	30446	3A	.04789	.04646	3.86+00	402.0	1.18+05	413.1	3.66+05
661122	30702	3A	.05815	.05195	3.37+00	404.9	8.96+04	413.9	4.09+05
661122	44526	3A	.04879	.04893	3.19+00	407.5	8.90+04	412.9	3.48+05
661122	46062	3A	.05601	.05518	3.13+00	392.8	9.64+04	410.7	3.35+05
661122	66286	3A	.04769	.04990	3.38+00	360.1	7.89+04	381.4	4.00+05
661122	68590	3A	.03765	.04221	5.26+00	339.3	1.40+05	375.8	3.38+05
661122	68846	3A	.06089	.05938	3.10+00	360.6	7.34+04	373.8	4.62+05
661122	82670	3A	.05769	.05876	4.14+00	349.8	1.04+05	365.3	3.16+05
661122	84974	3A	.05665	.05879	4.85+00	351.0	1.04+05	367.7	2.94+05
661122	85230	3A	.05188	.05440	4.31+00	364.7	7.25+04	369.8	3.45+05
661123	10350	3A	.08530	.09420	3.55+00	319.7	7.42+04	332.1	2.49+05
661123	12654	3A	.06080	.06902	5.87+00	338.6	7.41+04	349.1	2.53+05
661123	12910	3A	.05428	.06074	6.85+00	337.0	8.02+04	350.2	2.43+05
661123	83262	3B	.03960	.03963	5.87+00	359.7	5.39+04	377.4	2.60+05
661124	11454	3B	.06711	.06795	5.61+00	359.3	9.23+04	361.0	3.17+05
661124	11710	3B	.05430	.05416	5.89+00	362.9	9.27+04	361.2	2.39+05
661124	26302	3B	.05535	.05084	4.58+00	350.9	4.34+04	345.2	3.16+05
661124	26558	3B	.05062	.04893	4.81+00	346.1	4.38+04	351.6	2.30+05
661124	27326	3B	.03892	.03835	5.16+00	343.5	4.09+04	354.0	1.67+05
661124	27582	3B	.04941	.04285	4.89+00	350.5	5.02+04	348.6	2.72+05
661124	27838	3B	.04507	.04196	5.60+00	353.7	5.46+04	355.6	3.09+05
661124	28094	3B	.04770	.04615	5.86+00	361.1	7.13+04	357.3	2.73+05
661124	28350	3B	.05493	.05384	4.44+00	358.2	6.39+04	356.9	2.05+05
661124	28606	3B	.05844	.05829	4.82+00	362.1	8.02+04	363.2	3.12+05
661124	36286	3B	.02536	.02080	5.47+00	341.0	6.49+04	354.6	3.99+05
661124	37054	3B	.06021	.08097	3.88+00	322.8	1.29+05	337.5	3.02+05
661124	37566	3B	.06023	.05657	4.33+00	307.7	6.67+04	321.9	3.15+05
661124	51646	3B	.07768	.07908	3.83+00	338.7	9.24+04	343.9	2.81+05
661124	67006	3B	.05270	.05544	3.84+00	348.2	8.20+04	350.6	2.85+05
661124	67262	3B	.05952	.05918	3.39+00	352.4	5.51+04	355.8	2.69+05
661124	67518	3B	.04390	.04461	4.82+00	346.5	9.96+04	352.6	1.45+05
661124	67774	3B	.05062	.05062	7.86+00	340.2	7.04+04	347.1	2.43+05
661124	78270	3B	.07792	.07811	3.36+00	339.6	8.33+04	355.8	2.19+05
661124	78526	3B	.07567	.07517	4.20+00	343.4	7.26+04	346.5	2.72+05
661126	66336	3A	.04646	.04507	7.39+00	400.9	9.68+04	403.5	3.51+05
661126	9196	3A	.04852	.04792	1.26+01	406.0	1.01+05	406.3	2.64+05
661126	9452	3A	.02925	.03012	1.16+01	406.5	1.10+05	411.3	3.85+05
661126	27372	3A	.09128	.09101	5.24+00	430.9	4.13+04	437.7	1.02+05
661126	27628	3A	.05752	.05728	6.46+00	414.6	5.81+04	419.5	1.72+05
661126	28652	3A	.07240	.06876	6.15+00	420.0	6.97+04	420.3	2.18+05
661126	47596	3A	.02645	.02638	4.71+00	431.1	4.44+04	432.3	1.35+05
661126	48620	3A	.03185	.03186	4.74+00	432.2	4.60+04	431.1	1.43+05
661126	50668	3A	.04267	.04113	4.47+00	418.3	3.56+04	415.2	1.32+05
661126	63980	3A	.03282	.03286	3.67+00	408.8	3.86+04	408.1	1.42+05
661126	65004	3A	.03729	.03847	3.44+00	412.1	9.23+04	416.1	2.61+05
661126	85260	3A	.03856	.03438	3.32+00	413.7	9.02+04	415.9	3.77+05
661127	6764	3A	.03624	.03733	1.12+00	398.4	3.89+04	401.4	1.24+05
661127	7020	3A	.05235	.05286	1.64+00	396.6	4.33+04	402.2	7.64+04
661127	7832	3A	.07140	.07122	1.15+00	395.0	3.26+04	399.4	9.05+04
661127	12140	3A	.01664	.01656	3.38+00	408.2	3.78+04	399.6	1.19+05
661127	12396	3A	.01748	.01777	2.87+00	409.8	3.74+04	402.6	1.07+05
661127	13932	3A	.00973	.01011	2.43+00	413.1	4.42+04	406.7	2.10+05
661127	14186	3A	.01071	.01113	2.72+00	411.8	3.91+04	404.1	2.16+05
661127	14700	3A	.01417	.01483	2.44+00	409.8	5.08+04	401.9	1.08+05
661127	14956	3A	.01297	.01310	2.72+00	407.6	4.71+04	400.9	1.49+05
661127	18796	3A	.03451	.03413	5.24+00	417.7	3.40+04	416.5	1.03+05
661127	19052	3A	.04404	.04387	4.78+00	414.7	3.43+04	415.8	8.60+04
661127	19308	3A	.04885	.04877	6.22+00	413.4	3.99+04	416.9	9.60+04
661127	19564	3A	.03850	.03868	6.33+00	415.7	3.92+04	416.3	8.33+04

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661115	55866	38	.03812	.03706	4.46+00	348.3	2.26+04	348.1	9.64+04
661115	56378	38	.04610	.04783	3.94+00	344.9	2.79+04	350.6	8.39+04
661115	57658	38	.04277	.04273	4.55+00	346.5	2.54+04	348.3	1.03+05
661115	57914	38	.04351	.04332	3.95+00	346.0	2.44+04	350.7	8.45+04
661115	58426	38	.04698	.04581	3.75+00	344.7	2.97+04	342.5	1.13+05
661115	58682	38	.03160	.03160	4.21+00	341.3	2.88+04	338.8	9.72+04
661115	60218	38	.04301	.04231	5.53+00	356.7	4.73+04	362.5	1.45+05
661115	60474	38	.04367	.04339	5.11+00	353.0	2.79+04	353.9	1.33+05
661115	60986	38	.03410	.03397	5.18+00	350.9	2.41+04	349.1	1.11+05
661115	62522	38	.03898	.03912	6.16+00	355.2	4.89+04	362.5	1.70+05
661115	63546	38	.04091	.04166	4.66+00	360.3	4.94+04	365.8	2.09+05
661116	73713	3A	.00803	.00816	7.95+00	324.9	5.72+04	320.8	8.61+04
661116	73969	3A	.01380	.01380	6.22+00	317.3	4.33+04	328.7	9.82+04
661116	74737	3A	.01165	.01193	7.09+00	326.2	2.90+04	311.2	2.31+05
661116	76785	3A	.02491	.02479	4.79+00	328.6	2.62+04	322.4	1.31+05
661116	82929	3A	.00745	.00729	7.71+00	319.2	4.26+04	318.8	1.13+05
661116	83185	3A	.00772	.00744	7.01+00	320.4	5.43+04	322.0	1.66+05
661116	83441	3A	.00733	.00735	1.01+01	313.8	3.27+04	324.4	9.58+04
661116	84209	3A	.01529	.01508	6.26+00	324.6	3.62+04	315.8	1.37+05
661116	84465	3A	.00837	.00830	9.23+00	323.9	4.79+04	323.2	1.12+05
661116	86257	3A	.02479	.02491	7.60+00	330.3	2.82+04	325.9	1.15+05
661117	113	3A	.01106	.01076	8.47+00	325.9	4.61+04	325.5	1.65+05
661117	19569	3A	.01522	.01593	1.62+01	358.6	8.70+04	364.7	2.29+05
661117	20337	3A	.02304	.02245	1.61+01	354.4	6.35+04	357.0	2.73+05
661117	50033	3A	.00955	.00788	8.73+00	349.5	7.14+04	353.7	2.61+05
661117	60289	3A	.01057	.01071	8.99+00	342.8	7.92+04	358.4	2.86+05
661117	59761	3A	.00837	.00840	9.32+00	372.4	4.62+04	373.4	2.96+05
661117	61297	3A	.00839	.00813	7.80+00	378.3	4.42+04	381.2	2.54+05
661118	61424	3A	.09224	.09250	9.59+00	373.0	7.73+04	374.4	1.01+05
661118	61680	3A	.14837	.14859	6.09+00	375.3	6.51+04	382.6	1.04+05
661118	62192	3A	.08814	.08816	7.47+00	378.3	7.93+04	383.1	1.45+05
661118	62704	3A	.05915	.05736	1.02+01	371.8	1.17+05	380.2	1.84+05
661118	74224	3A	.04485	.04405	1.14+01	397.8	7.03+04	394.2	1.98+05
661118	74992	3A	.03718	.03745	1.28+01	395.5	6.80+04	395.8	1.74+05
661118	75248	3A	.03282	.03286	1.21+01	395.7	6.65+04	394.9	1.93+05
661119	43068	3B	.01650	.01823	6.16+00	368.7	8.89+04	376.1	3.27+05
661119	43580	3B	.02470	.06950	6.86+00	358.0	1.14+05	369.6	2.99+05
661119	52284	3B	.02645	.11012	6.33+00	357.2	1.31+05	373.3	3.39+05
661119	52540	3B	.02693	.03253	7.10+00	367.1	1.25+05	370.6	2.74+05
661119	53052	3B	.03093	.03551	6.82+00	375.1	1.24+05	391.7	2.96+05
661119	67900	3B	.02724	.02850	9.23+00	381.7	1.35+05	394.2	2.73+05
661119	68412	3B	.02780	.00991	7.14+00	359.3	1.42+05	379.3	6.05+05
661119	68688	3B	.02235	.02781	7.05+00	362.7	1.45+05	386.1	2.76+05
661119	68924	3B	.02638	.03055	7.38+00	356.7	1.40+05	374.3	1.66+05
661120	22716	3B	.06939	.07611	6.59+00	359.7	6.47+04	361.3	1.71+05
661120	23228	3B	.04174	.04617	8.10+00	352.8	8.17+04	359.1	1.87+05
661120	55740	3B	.11941	.14505	6.38+00	344.7	1.40+05	344.9	2.03+05
661121	43631	3A	.04371	.04485	4.40+00	413.8	9.33+04	431.6	3.87+05
661121	43687	3A	.03815	.03738	5.52+00	435.7	1.10+05	432.5	4.45+05
661121	60015	3A	.04100	.04001	4.66+00	440.5	8.03+04	428.5	3.33+05
661121	60271	3A	.04535	.04594	4.36+00	425.9	8.21+04	423.1	2.68+05
661121	60527	3A	.05758	.05745	3.90+00	416.7	6.77+04	422.0	3.18+05
661121	60783	3A	.04519	.04512	4.08+00	422.3	6.39+04	423.6	3.31+05
661121	61039	3A	.06036	.06088	3.63+00	417.0	6.27+04	422.2	3.03+05
661121	76142	3A	.05592	.05946	4.27+00	381.0	9.88+04	400.3	3.67+05
661121	76398	3A	.07068	.07366	4.04+00	392.4	7.93+04	410.8	3.42+05
661122	12782	3A	.05216	.05599	3.79+00	402.5	1.14+05	416.7	2.98+05
661122	13038	3A	.03813	.03923	4.43+00	402.7	1.57+05	417.9	4.16+05
661122	13294	3A	.03738	.03847	3.88+00	383.4	1.73+05	405.1	3.79+05
661122	28398	3A	.04199	.04190	3.45+00	412.1	9.76+04	414.9	3.36+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661113	37235	3A	.00451	.00543	3.10+00	460.0	2.07+05	503.2	7.98+05
661113	37491	3A	.00537	.01234	2.94+00	458.8	1.44+05	500.6	1.26+06
661113	43379	3A	.00453	.01086	3.84+00	461.4	2.06+05	516.7	1.17+06
661113	46451	3A	.00554	.01479	3.99+00	455.8	1.73+05	495.0	1.64+06
661113	47987	3A	.00591	.00587	3.47+00	448.8	2.02+05	497.5	6.90+05
661113	48243	3A	.00773	.00833	3.40+00	446.0	1.86+05	509.5	7.71+05
661113	48499	3A	.00750	.00706	3.68+00	451.5	2.04+05	523.9	1.45+06
661113	50291	3A	.01324	.02687	2.85+00	450.8	1.92+05	481.1	9.19+05
661113	50547	3A	.01241	.02733	2.99+00	451.6	1.93+05	456.7	5.57+05
661113	51059	3A	.00822	.01734	3.08+00	454.0	1.86+05	458.3	2.81+05
661113	51315	3A	.00873	.01028	3.05+00	453.1	1.90+05	475.3	4.78+05
661113	55411	3A	.01000	.02410	3.22+00	445.6	1.71+05	486.2	9.79+05
661113	55667	3A	.00510	.01395	3.13+00	445.2	1.70+05	454.9	5.49+05
661113	55923	3A	.00962	.03217	2.77+00	450.8	2.17+05	484.5	7.29+05
661113	57715	3A	.00690	.00858	3.29+00	446.3	2.09+05	490.2	8.34+05
661113	57971	3A	.00740	.02182	2.70+00	441.9	1.76+05	467.0	7.98+05
661113	58227	3A	.00411	.00487	3.20+00	448.4	2.03+05	504.4	6.57+05
661113	60019	3A	.00791	.00820	3.29+00	445.7	2.40+05	509.6	6.80+05
661113	60531	3A	.00448	.00619	3.31+00	442.7	2.14+05	479.8	5.17+05
661113	60787	3A	.00628	.02391	3.07+00	449.0	1.88+05	440.7	3.03+05
661113	62323	3A	.00776	.02562	3.05+00	437.5	2.08+05	480.6	5.69+05
661113	64627	3A	.00713	.01881	3.26+00	447.7	1.93+05	454.1	4.10+05
661113	67443	3A	.00620	.01997	3.08+00	453.1	1.80+05	478.5	6.21+05
661113	67699	3A	.00924	.03576	2.77+00	432.2	2.11+05	484.5	7.84+05
661114	70330	3B	.01175	.01092	4.69+00	364.7	5.98+04	373.1	2.69+05
661114	72122	3B	.01363	.01276	4.03+00	361.8	5.34+04	375.0	2.67+05
661114	72378	3B	.01011	.01177	4.29+00	361.4	5.29+04	372.0	2.47+05
661114	72634	3B	.01297	.01456	4.35+00	363.5	5.21+04	373.7	1.98+05
661114	83642	3B	.01306	.01421	5.01+00	365.6	7.49+04	385.3	3.37+05
661114	83898	3B	.00845	.00838	5.75+00	370.1	1.14+05	392.4	2.17+05
661114	84154	3B	.01140	.01065	5.98+00	370.5	7.59+04	370.4	2.14+05
661115	58	3B	.02206	.02299	2.69+00	375.9	6.88+04	385.8	2.69+05
661115	314	3B	.01062	.01157	3.94+00	367.1	5.65+04	375.2	2.09+05
661115	570	3B	.01411	.01382	3.61+00	364.5	3.41+04	354.7	2.39+05
661115	2618	3B	.02016	.04497	3.59+00	355.8	4.88+04	365.5	5.08+05
661115	4922	3B	.00808	.01071	5.15+00	354.0	1.43+05	386.2	3.20+05
661115	5178	3B	.01287	.02670	4.50+00	361.8	6.47+04	375.4	5.82+05
661115	5434	3B	.01125	.01276	4.87+00	358.3	7.22+04	375.8	2.91+05
661115	6714	3B	.02131	.02120	2.96+00	329.5	4.17+04	350.7	4.57+05
661115	6970	3B	.00647	.00879	3.93+00	368.5	7.58+04	380.8	3.48+05
661115	7226	3B	.00600	.02001	4.39+00	371.7	6.14+04	387.1	4.02+05
661115	7462	3B	.00927	.01080	4.08+00	374.2	7.81+04	385.7	3.00+05
661115	7738	3B	.01020	.00903	4.03+00	393.0	6.44+04	394.0	3.23+05
661115	30010	3B	.03333	.03315	4.05+00	365.4	2.62+04	365.4	7.76+04
661115	30266	3B	.03565	.03546	3.81+00	365.9	2.69+04	364.8	1.03+05
661115	32058	3B	.03121	.03113	4.11+00	365.7	2.71+04	368.2	1.18+05
661115	32826	3B	.02137	.02090	4.85+00	363.2	2.35+04	362.2	1.45+05
661115	34362	3B	.02475	.02467	4.61+00	356.8	2.84+04	358.9	1.32+05
661115	34618	3B	.02539	.02531	4.94+00	357.3	2.23+04	355.0	1.11+05
661115	35130	3B	.02630	.02631	4.51+00	355.1	2.32+04	358.1	1.19+05
661115	37178	3B	.03303	.03293	4.29+00	355.6	2.47+04	353.2	1.11+05
661115	42554	3B	.01894	.01887	4.76+00	352.3	2.33+04	356.1	1.36+05
661115	43322	3B	.02197	.02206	4.80+00	351.6	2.75+04	351.7	1.07+05
661115	45114	3B	.04012	.04012	3.76+00	345.4	2.38+04	346.1	9.15+04
661115	50490	3B	.03445	.03447	3.70+00	343.3	2.06+04	340.6	1.09+05
661115	63050	3B	.05910	.05922	3.23+00	348.2	2.97+04	351.7	7.29+04
661115	53306	3B	.05394	.05377	3.70+00	347.6	2.56+04	350.8	7.95+04
661115	53562	3B	.04086	.04099	3.89+00	347.1	2.56+04	348.9	9.87+04
661115	55354	3B	.04047	.03992	3.98+00	345.5	2.72+04	349.7	9.59+04
661115	55610	3B	.04955	.04921	3.86+00	347.8	2.44+04	347.5	1.11+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661108	71413	3A	.02903	.02928	4.99+00	392.3	9.89+04	390.7	3.58+05
661108	71669	3A	.02694	.03061	5.35+00	397.5	1.03+05	397.8	3.31+05
661108	71925	3A	.02784	.02814	5.17+00	396.5	1.06+05	395.2	4.16+05
661108	72437	3A	.02508	.02449	5.61+00	405.2	9.89+04	404.5	3.56+05
661110	31671	3B	.01760	.07906	4.35+00	418.6	3.06+05	474.1	8.69+05
661110	31927	3B	.01577	.06862	5.02+00	410.9	3.02+05	464.9	1.00+06
661110	32183	3B	.03274	.05574	4.52+00	399.5	2.79+05	428.6	4.56+05
661112	29171	3A	.00602	.00873	2.04+00	391.1	7.09+04	395.5	2.50+05
661112	31475	3A	.01287	.01282	3.19+00	426.5	5.61+04	432.5	5.00+05
661112	31731	3A	.01215	.01154	3.29+00	446.3	8.42+04	436.3	3.36+05
661112	31987	3A	.01442	.01353	3.32+00	436.3	5.93+04	428.5	4.98+05
661112	32243	3A	.01055	.01037	3.38+00	427.8	6.62+04	429.6	2.54+05
661112	33779	3A	.01244	.01234	3.43+00	437.1	6.90+04	433.5	3.06+05
661112	34035	3A	.01156	.01162	3.74+00	433.5	6.77+04	432.6	3.67+05
661112	34291	3A	.00895	.00957	3.57+00	442.1	7.75+04	432.3	3.34+05
661112	34547	3A	.00767	.00751	5.26+00	442.0	7.73+04	438.6	3.56+05
661112	36339	3A	.01488	.01315	3.66+00	403.3	8.93+04	411.6	3.68+05
661112	36595	3A	.01038	.01059	3.86+00	410.0	7.35+04	434.0	4.06+05
661112	63219	3A	.01316	.01189	4.17+00	415.2	8.77+04	428.4	3.51+05
661112	63475	3A	.01293	.01299	4.30+00	413.8	8.34+04	437.3	6.17+05
661112	63731	3A	.01554	.01567	4.13+00	414.0	8.80+04	435.1	4.22+05
661112	65491	3A	.01927	.01902	7.18+00	408.3	7.21+04	412.1	3.96+05
661112	65747	3A	.01736	.01713	7.05+00	408.2	8.00+04	411.6	2.55+05
661112	66259	3A	.01684	.01726	6.65+00	402.6	8.30+04	410.5	2.30+05
661113	1395	3A	.01576	.01580	5.78+00	402.0	6.17+04	407.2	2.81+05
661113	1651	3A	.01405	.01560	6.52+00	403.0	8.22+04	413.6	2.81+05
661113	3699	3A	.02111	.01741	8.80+00	415.4	1.21+05	422.2	4.24+05
661113	4211	3A	.01356	.01347	9.17+00	424.1	1.26+05	435.5	3.77+05
661113	4467	3A	.01646	.01626	8.86+00	429.8	1.16+05	441.7	5.10+05
661113	4723	3A	.01351	.03513	9.13+00	424.2	1.37+05	435.6	5.19+05
661113	6259	3A	.01723	.01697	9.68+00	433.1	1.22+05	442.0	4.58+05
661113	6771	3A	.01664	.01694	1.03+01	435.6	1.29+05	445.4	5.18+05
661113	7027	3A	.01955	.01921	9.60+00	442.1	1.39+05	445.1	4.64+05
661113	6563	3A	.01476	.03771	9.74+00	436.3	1.44+05	454.1	7.01+05
661113	9075	3A	.01721	.01409	9.39+00	433.7	1.39+05	441.6	4.98+05
661113	9331	3A	.01202	.01275	9.31+00	432.2	1.63+05	459.0	4.81+05
661113	9587	3A	.01613	.01745	9.53+00	435.6	1.25+05	442.9	5.01+05
661113	11123	3A	.01799	.01912	8.88+00	436.6	1.43+05	442.9	4.20+05
661113	11379	3A	.01607	.01279	8.88+00	450.3	1.54+05	462.3	5.87+05
661113	11635	3A	.01634	.03415	7.44+00	446.6	1.50+05	458.6	4.80+05
661113	22131	3A	.02234	.02554	4.61+00	473.1	3.54+05	527.8	8.67+05
661113	22387	3A	.02448	.03282	4.12+00	478.9	3.32+05	518.7	6.60+05
661113	22899	3A	.01898	.02363	4.68+00	468.2	2.96+05	515.2	7.07+05
661113	24435	3A	.01869	.06664	4.52+00	473.7	2.72+05	524.6	9.05+05
661113	24947	3A	.01676	.01705	4.63+00	473.1	1.84+05	509.0	5.71+05
661113	25203	3A	.01772	.01697	5.34+00	463.1	2.59+05	512.6	6.26+05
661113	26739	3A	.01757	.01616	4.01+00	470.4	2.38+05	513.7	7.88+05
661113	26995	3A	.01745	.01900	3.93+00	478.1	2.19+05	518.0	6.16+05
661113	27251	3A	.01306	.01318	4.09+00	473.6	2.30+05	518.8	6.89+05
661113	27507	3A	.01234	.01350	4.12+00	468.9	2.04+05	521.0	1.04+06
661113	27763	3A	.01388	.03735	4.10+00	461.1	2.11+05	510.6	6.20+05
661113	31603	3A	.00970	.02813	3.32+00	458.7	2.48+05	477.3	6.98+05
661113	31859	3A	.00660	.01688	3.18+00	454.5	2.15+05	457.4	3.55+05
661113	32115	3A	.00657	.00893	3.44+00	452.7	2.09+05	506.1	9.03+05
661113	32627	3A	.00915	.03619	3.30+00	454.4	2.21+05	495.4	1.28+06
661113	34163	3A	.00289	.00313	3.75+00	460.8	1.67+05	512.6	5.89+05
661113	34419	3A	.00438	.00974	3.35+00	450.8	1.90+05	505.9	1.65+06
661113	36467	3A	.00734	.02486	2.91+00	452.0	2.04+05	482.4	1.13+06
661113	36723	3A	.00520	.01251	3.26+00	454.8	1.84+05	470.8	5.79+05
661113	36979	3A	.00474	.01218	3.29+00	457.7	1.83+05	475.0	5.70+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
661101	73268	3B	.01440	.01483	4.09+00	557.2	2.15+05	594.3	9.62+05
661101	76084	3B	.01643	.01676	3.53+00	574.4	1.62+05	614.7	1.22+06
661101	76340	3B	.01612	.01598	3.43+00	578.3	1.64+05	612.4	8.76+05
661101	77676	3B	.01495	.01423	3.67+00	602.3	1.60+05	603.4	7.16+05
661101	78132	3B	.01567	.01548	3.73+00	577.7	1.56+05	607.6	7.50+05
661102	60408	3A	.01809	.01865	4.00+00	568.4	2.68+05	617.6	1.19+06
661102	60664	3A	.01424	.01421	3.81+00	576.5	1.94+05	610.0	8.10+05
661102	60920	3A	.01630	.01523	3.65+00	574.3	1.86+05	608.7	1.46+06
661102	65752	3A	.02424	.02436	2.58+00	568.0	1.44+05	568.5	7.48+05
661102	66008	3A	.02238	.02159	2.41+00	573.4	1.57+05	564.3	4.26+05
661102	66264	3A	.02335	.02327	3.03+00	556.2	1.49+05	562.4	8.47+05
661103	376	3A	.02605	.02580	2.42+00	570.2	1.35+05	572.8	9.80+05
661103	632	3A	.02307	.01914	2.52+00	587.9	1.51+05	562.5	1.09+06
661103	688	3A	.01955	.01921	2.97+00	576.2	1.56+05	559.5	9.91+05
661103	14200	3A	.01668	.03983	3.01+00	517.7	2.14+05	563.4	9.01+05
661103	14456	3A	.02367	.02354	2.76+00	532.2	1.79+05	557.3	8.24+05
661103	14968	3A	.02307	.02198	2.72+00	538.4	1.51+05	560.3	1.02+06
661103	15224	3A	.02555	.02695	2.79+00	532.8	1.64+05	556.6	9.52+05
661103	15480	3A	.01456	.01456	4.29+00	532.9	1.94+05	567.6	7.90+05
661103	65399	3A	.02193	.02246	1.18+00	617.7	1.90+05	629.5	5.57+05
661103	65655	3A	.11529	.11196	1.95+00	615.2	1.98+05	616.8	8.08+05
661103	65911	3A	.04889	.04832	2.06+00	595.9	1.84+05	621.0	1.30+06
661103	66167	3A	.04811	.04994	1.84+00	635.1	1.85+05	647.0	1.14+06
661103	66679	3A	.05243	.05349	1.82+00	620.3	1.90+05	648.5	1.36+06
661104	14327	3A	.03523	.04052	1.79+00	497.1	1.62+05	515.3	6.32+05
661105	45621	3B	.03570	.03369	3.21+00	480.7	6.44+04	404.5	4.21+05
661105	46369	3B	.01921	.01860	3.18+00	398.0	5.67+04	402.1	3.02+05
661105	47157	3B	.02200	.02073	3.63+00	393.8	6.81+04	401.7	3.88+05
661105	58677	3B	.01829	.01815	2.62+00	390.0	4.91+04	393.3	2.37+05
661105	58933	3B	.01695	.01689	2.98+00	387.5	5.23+04	387.3	3.11+05
661105	59189	3B	.01768	.01929	2.62+00	389.4	4.91+04	384.3	2.81+05
661105	59957	3B	.02606	.02671	3.69+00	399.2	6.36+04	402.6	3.77+05
661105	76389	3B	.01686	.01684	3.96+00	387.3	4.66+04	378.4	2.43+05
661105	78645	3B	.02104	.02049	3.18+00	394.3	5.07+04	386.8	4.30+05
661105	78901	3B	.02113	.02151	3.14+00	395.4	4.24+04	386.4	2.79+05
661105	79157	3B	.01684	.01909	2.98+00	397.4	4.27+04	391.6	2.81+05
661105	79925	3B	.01643	.01639	3.15+00	397.7	4.42+04	391.4	2.00+05
661106	6581	3B	.01757	.01596	4.57+00	388.5	5.86+04	377.7	3.17+05
661106	6837	3B	.02136	.02127	4.94+00	393.9	5.08+04	379.1	3.17+05
661106	7093	3B	.01874	.01895	4.54+00	387.1	5.14+04	377.6	3.13+05
661106	7861	3B	.02080	.02110	4.44+00	386.3	6.81+04	363.4	1.74+05
661106	8629	3B	.02125	.02015	5.67+00	374.1	4.84+04	372.6	4.39+05
661107	50038	3A	.01405	.01414	3.03+00	319.5	1.91+04	319.4	5.75+04
661107	50550	3A	.02346	.02303	3.11+00	320.3	1.74+04	313.8	1.93+05
661107	51062	3A	.03425	.03426	3.53+00	319.9	2.40+04	316.2	1.33+05
661107	61302	3A	.02142	.02133	3.15+00	312.3	2.42+04	311.2	4.64+04
661107	61558	3A	.01499	.01503	3.67+00	316.1	2.09+04	317.9	1.22+05
661107	61614	3A	.03092	.03086	3.50+00	318.9	2.10+04	320.1	1.15+05
661107	62326	3A	.02733	.02715	3.60+00	320.0	2.08+04	320.2	3.78+04
661107	62582	3A	.04227	.04259	3.42+00	321.6	1.95+04	324.5	8.50+04
661108	2805	3A	.01693	.01845	7.94+00	350.6	2.87+04	350.2	1.49+05
661108	3061	3A	.01781	.01773	6.14+00	344.4	2.46+04	350.0	7.36+04
661108	6677	3A	.01679	.01667	6.73+00	350.7	2.82+04	351.2	1.37+05
661108	6133	3A	.01810	.01807	6.81+00	352.5	2.80+04	354.2	8.58+04
661108	6389	3A	.01736	.01736	9.83+00	349.5	2.75+04	354.3	7.51+04
661108	10957	3A	.02627	.03462	4.68+00	338.6	1.87+05	373.2	2.83+05
661108	22517	3A	.02015	.02462	5.31+00	333.1	1.30+05	366.6	2.70+05
661108	33013	3A	.03198	.08818	4.82+00	366.9	1.23+05	381.9	4.90+05
661108	70901	3A	.02941	.02949	5.13+00	381.7	9.56+04	387.6	3.42+05
661108	71157	3A	.02947	.02408	5.09+00	394.8	1.13+05	388.7	3.65+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661023	4016	3B	.02103	.02099	5.35+00	301.5	2.60+04	302.2	1.09+05
661023	4272	3B	.01706	.01708	5.34+00	303.2	2.89+04	308.4	1.10+05
661023	4528	3B	.01927	.01914	5.10+00	305.5	3.90+04	309.4	1.35+05
661023	4784	3B	.01648	.01641	5.34+00	301.7	2.36+04	307.2	9.53+04
661023	5040	3B	.02714	.02697	5.59+00	298.8	3.06+04	301.0	1.18+05
661023	5296	3B	.02035	.02036	6.01+00	293.1	3.27+04	295.0	1.01+05
661023	22960	3B	.02404	.02458	5.86+00	290.3	2.98+04	289.3	8.10+04
661023	23216	3B	.02518	.02334	6.08+00	290.9	3.27+04	285.6	1.69+05
661023	23472	3B	.02051	.02048	6.60+00	288.8	3.64+04	290.5	1.58+05
661023	25284	3B	.01659	.01660	6.15+00	292.6	3.21+04	292.7	1.24+05
661023	53936	3B	.00786	.00783	1.04+01	298.8	2.28+04	298.8	6.76+04
661023	55984	3B	.02664	.02642	1.16+01	302.0	3.61+04	299.9	8.27+04
661024	47228	3A	.03772	.12024	1.13+01	403.2	2.93+05	433.6	6.08+05
661024	47484	3A	.03423	.11630	1.08+01	394.1	3.08+05	441.5	8.27+05
661024	47740	3A	.03261	.08001	7.64+00	414.7	3.97+05	456.8	4.88+05
661024	63356	3A	.04552	.04210	7.82+00	412.4	1.65+05	443.8	7.59+05
661024	63612	3A	.03803	.04400	8.83+00	415.0	2.51+05	465.5	6.01+05
661024	63868	3A	.03919	.14503	8.85+00	417.6	2.63+05	468.1	6.16+05
661024	64124	3A	.03261	.04112	8.32+00	404.5	2.28+05	451.7	5.13+05
661024	64380	3A	.03632	.04681	8.35+00	409.5	2.09+05	438.7	4.47+05
661024	64636	3A	.03228	.12962	8.84+00	404.6	2.68+05	455.9	5.37+05
661024	70268	3A	.04412	.04896	1.19+01	422.2	2.58+05	464.4	5.19+05
661024	70524	3A	.04617	.05934	1.03+01	417.4	2.37+05	457.3	5.18+05
661025	18684	3A	.04823	.05272	5.55+00	465.1	1.13+05	478.2	5.74+05
661025	18940	3A	.04285	.04480	5.47+00	455.4	1.16+05	475.5	5.61+05
661025	35836	3A	.05242	.05731	6.68+00	495.7	2.47+05	526.2	6.27+05
661025	36092	3A	.05068	.05537	6.68+00	499.9	2.27+05	526.5	6.41+05
661025	37116	3A	.05434	.05440	6.09+00	509.9	1.96+05	531.7	5.93+05
661025	37372	3A	.05183	.05082	6.41+00	524.9	2.06+05	532.2	6.43+05
661025	54268	3A	.06807	.06981	6.25+00	517.7	2.07+05	546.8	7.96+05
661025	74748	3A	.04035	.04217	6.03+00	428.2	2.03+05	459.0	5.44+05
661027	35505	3B	.01638	.01697	1.30+00	618.4	4.06+05	689.7	1.27+06
661029	58106	3A	.02885	.02950	1.68+00	449.3	9.93+04	459.2	4.63+05
661030	7546	3A	.02133	.02119	5.28+00	418.3	4.23+04	421.2	1.88+05
661030	7802	3A	.01451	.01430	4.84+00	418.5	4.42+04	422.1	1.80+05
661030	8058	3A	.01487	.01488	5.58+00	416.3	4.39+04	415.5	2.68+05
661030	8314	3A	.01518	.01505	5.11+00	410.3	4.65+04	410.8	1.89+05
661030	8570	3A	.01910	.01870	5.47+00	408.9	4.34+04	412.3	2.64+05
661030	8828	3A	.01772	.01779	5.51+00	409.7	4.44+04	414.2	1.86+05
661030	25209	3A	.01465	.01465	3.24+00	391.7	3.06+04	394.3	1.98+05
661030	25465	3A	.01805	.01805	4.66+00	405.2	4.34+04	408.5	1.66+05
661030	25977	3A	.02195	.02190	5.21+00	401.7	4.50+04	400.0	2.07+05
661030	26233	3A	.01919	.01907	9.14+00	392.8	4.35+04	395.0	1.73+05
661030	77689	3A	.02881	.03231	4.64+00	479.0	1.37+05	485.4	3.03+05
661030	77945	3A	.03200	.03172	4.83+00	488.7	1.38+05	495.6	5.80+05
661030	78457	3A	.02997	.03168	7.48+00	516.2	1.73+05	522.1	6.05+05
661030	78713	3A	.02962	.02816	7.11+00	519.7	1.57+05	524.0	7.19+05
661030	78969	3A	.02556	.02282	7.44+00	518.7	1.74+05	509.9	6.50+05
661031	50099	3B	.01819	.06908	6.97+00	490.2	3.35+05	508.2	8.86+05
661031	50355	3B	.02090	.02268	6.99+00	504.4	3.05+05	563.4	9.34+05
661031	50611	3B	.02130	.02156	7.19+00	509.9	2.63+05	551.7	1.11+06
661031	50867	3B	.01942	.06765	7.04+00	494.1	3.21+05	569.5	9.08+05
661031	60819	3B	.01106	.01092	7.20+00	567.3	3.07+05	599.2	8.89+05
661101	22835	3B	.01976	.02038	3.19+00	526.0	1.46+05	553.8	1.33+05
661101	23091	3B	.02253	.02213	3.03+00	526.2	1.55+05	560.4	1.15+05
661101	23347	3B	.01927	.01934	3.05+00	538.4	1.54+05	557.4	7.32+05
661101	23859	3B	.01579	.01437	3.51+00	521.4	1.62+05	547.5	9.43+05
661101	24371	3B	.01636	.01890	3.19+00	502.3	1.69+05	552.2	1.03+06
661101	37939	3B	.02020	.04423	3.30+00	476.2	1.28+05	494.5	9.75+05
661101	38195	3B	.01937	.01703	3.76+00	483.2	1.17+05	520.0	1.11+06

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661017	69550	3B	.02971	.03035	4.61+00	364.0	4.94+04	366.7	1.62+05
661017	60814	3B	.04901	.04613	6.87+00	361.0	4.97+04	358.9	2.42+05
661017	81326	3B	.05848	.05549	7.55+00	360.9	5.11+04	356.5	2.23+05
661017	63630	3B	.03462	.03471	7.33+00	362.9	5.35+04	360.1	2.45+05
661017	63686	3B	.03904	.04006	8.30+00	362.2	6.01+04	360.0	2.32+05
661017	84142	3B	.03549	.03630	7.14+00	362.8	5.76+04	358.1	2.43+05
661018	18478	3B	.03997	.03927	4.27+00	383.2	9.27+04	392.1	4.20+05
661018	16734	3B	.03878	.04160	4.17+00	267.4	7.67+04	388.9	4.24+05
661018	16990	3B	.03968	.03927	4.20+00	389.1	1.00+05	397.3	4.24+05
661018	19246	3B	.03807	.03728	4.13+00	374.1	1.05+05	390.5	4.28+05
661018	19502	3B	.04062	.04058	4.51+00	360.4	1.00+05	392.3	3.89+05
661018	70448	3B	.04379	.04462	4.02+00	357.9	6.48+04	361.5	2.73+05
661018	70702	3B	.05688	.06501	4.96+00	360.6	1.04+05	370.0	2.90+05
661018	70958	3B	.07874	.08177	5.34+00	361.9	1.00+05	375.6	4.33+05
661018	71470	3B	.04763	.05121	4.16+00	348.1	1.09+05	380.1	2.47+05
661018	71726	3B	.05800	.06541	6.02+00	372.2	1.00+05	376.3	3.48+05
661019	62975	3A	.01767	.01771	2.71+00	371.7	6.17+04	364.4	1.65+05
661020	2686	3A	.05267	.05348	3.66+00	371.3	5.23+04	380.5	2.20+05
661020	2942	3A	.05644	.05649	3.46+00	374.8	5.30+04	377.6	2.40+05
661020	3710	3A	.06662	.06924	3.54+00	360.3	7.46+04	376.1	2.57+05
661020	5758	3A	.03620	.03721	3.67+00	359.6	7.52+04	360.9	1.63+05
661020	6014	3A	.05191	.05338	3.50+00	371.8	5.87+04	377.0	3.35+05
661020	6270	3A	.05092	.05038	3.66+00	367.4	6.04+04	371.5	3.21+05
661020	25470	3A	.05777	.05710	3.56+00	356.2	6.00+04	362.9	2.60+05
661020	25726	3A	.06897	.06817	3.28+00	363.1	4.82+04	367.3	2.52+05
661020	26494	3A	.06526	.06480	3.84+00	358.5	5.97+04	366.1	2.79+05
661020	26750	3A	.06946	.06934	3.71+00	363.3	5.64+04	365.8	2.26+05
661020	27006	3A	.06880	.06842	3.73+00	362.7	5.11+04	366.6	2.74+05
661020	33406	3A	.05418	.05519	3.36+00	357.6	4.93+04	359.8	2.07+05
661020	33662	3A	.07278	.07296	3.21+00	355.2	5.04+04	359.0	2.53+05
661020	35198	3A	.05593	.05614	3.77+00	358.5	4.50+04	357.7	1.37+05
661020	35454	3A	.06674	.06677	3.75+00	358.5	4.02+04	360.0	1.61+05
661020	67454	3A	.06180	.06161	3.38+00	355.8	3.47+04	353.0	1.33+05
661020	67710	3A	.06671	.06638	3.31+00	355.7	3.65+04	356.4	1.67+05
661020	68478	3A	.06839	.06811	3.14+00	356.4	3.59+04	355.0	1.47+05
661021	5374	3A	.06498	.06388	4.03+00	344.9	5.56+04	344.7	1.63+05
661021	5630	3A	.07165	.07333	3.96+00	343.7	5.34+04	345.0	2.03+05
661021	5686	3A	.06763	.06641	3.96+00	345.7	5.58+04	344.5	2.02+05
661021	6142	3A	.07144	.06983	3.73+00	342.7	5.43+04	343.9	1.98+05
661021	6398	3A	.07026	.06943	3.72+00	347.2	5.47+04	345.9	2.05+05
661021	6654	3A	.05179	.05181	3.86+00	347.5	4.63+04	346.4	1.72+05
661021	6910	3A	.06567	.06621	3.70+00	344.0	4.88+04	339.7	1.81+05
661021	7166	3A	.06056	.06152	4.12+00	342.4	5.05+04	341.0	2.04+05
661021	20478	3A	.06500	.06896	4.16+00	319.6	5.57+04	307.7	1.58+05
661021	20734	3A	.08202	.08312	3.57+00	331.9	5.61+04	338.3	1.74+05
661021	20990	3A	.07772	.07875	3.50+00	341.2	4.55+04	340.2	1.85+05
661021	21246	3A	.08023	.08233	3.79+00	333.3	5.86+04	340.9	1.92+05
661021	21502	3A	.06400	.06093	3.69+00	332.0	6.54+04	338.0	2.22+05
661022	50224	3B	.06020	.08398	3.65+00	291.3	5.81+04	287.1	1.00+05
661022	50460	3B	.03999	.05765	4.67+00	287.2	6.80+04	281.4	9.39+04
661022	50992	3B	.06274	.06396	5.63+00	299.0	6.29+04	294.6	1.11+05
661022	51248	3B	.05913	.05423	5.82+00	292.2	4.57+04	295.8	1.69+05
661022	67376	3B	.08473	.09055	3.34+00	275.0	5.31+04	271.4	9.22+04
661022	77360	3B	.03404	.03162	6.16+00	290.7	3.42+04	288.1	8.73+04
661022	77616	3B	.03685	.03690	4.49+00	261.0	5.17+04	280.2	1.13+05
661022	79664	3B	.05102	.05051	5.06+00	299.0	2.75+04	299.6	1.15+05
661022	79920	3B	.03419	.03400	5.53+00	305.6	3.24+04	305.1	1.19+05
661023	1744	3B	.01634	.01637	5.27+00	302.3	2.53+04	302.6	4.59+04
661023	1968	3B	.01683	.01636	5.13+00	301.9	2.64+04	301.1	1.11+05
661023	2224	3B	.01228	.01208	5.33+00	303.0	2.68+04	304.6	1.11+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
661002	2577	3A	.04908	.04884	2.52+00	391.1	3.77+04	393.0	1.03+05
661002	2833	3A	.04636	.04666	2.62+00	397.1	3.52+04	393.0	2.10+05
661002	44580	3A	.04373	.04326	2.73+00	355.1	5.34+04	356.7	1.61+05
661002	44816	3A	.04081	.04044	2.75+00	355.0	5.26+04	359.8	2.29+05
661002	45072	3A	.04870	.04626	2.70+00	355.6	5.15+04	354.6	2.25+05
661002	45328	3A	.03719	.03670	2.77+00	354.4	5.34+04	350.7	2.36+05
661002	45584	3A	.03448	.03492	3.03+00	350.7	5.59+04	356.3	1.61+05
661002	46098	3A	.02526	.02639	4.06+00	338.1	4.72+04	348.6	1.08+05
661003	67497	3B	.03039	.03035	1.65+00	325.3	2.64+04	324.8	3.79+04
661003	77481	3B	.02510	.02506	5.14+00	320.6	2.63+04	324.2	9.16+04
661003	77737	3B	.01677	.01668	8.14+00	318.9	2.33+04	322.2	7.84+04
661004	12841	3B	.03134	.03139	1.39+01	328.4	3.58+04	330.3	9.63+04
661004	22825	3B	.00467	.00451	6.42+00	326.2	5.27+04	336.6	2.98+05
661004	23337	3B	.00537	.01042	5.92+00	326.2	6.06+04	333.8	2.79+05
661004	23593	3B	.00452	.00493	6.31+00	326.7	6.16+04	324.9	1.31+05
661004	25641	3B	.00465	.00461	6.83+00	324.4	6.12+04	333.9	2.17+05
661004	39977	3B	.00495	.00949	1.61+01	333.8	6.71+04	350.4	2.99+05
661004	40233	3B	.00495	.00513	1.09+01	332.4	6.83+04	364.8	2.82+05
661004	41001	3B	.00628	.01332	1.02+01	329.5	8.60+04	328.1	2.40+05
661004	43049	3B	.00598	.00626	7.97+00	333.1	8.76+04	352.8	2.70+05
661004	43305	3B	.00410	.01419	7.46+00	334.7	1.23+05	351.1	3.40+05
661004	43561	3B	.00489	.01371	7.44+00	335.1	1.28+05	341.3	2.41+05
661004	63497	3B	.03179	.10530	1.77+01	415.8	2.97+05	438.4	4.90+05
661005	60046	3A	.01708	.01744	3.78+00	577.6	2.67+05	624.1	6.79+05
661005	5902	3A	.01075	.00918	2.63+00	601.6	2.01+05	615.0	1.49+06
661005	6158	3A	.00813	.00855	2.51+00	611.9	1.96+05	615.9	7.81+05
661006	6414	3A	.00953	.00973	2.67+00	607.8	1.69+05	635.6	1.71+06
661006	6670	3A	.01109	.01104	2.34+00	583.6	1.87+05	624.8	1.50+06
661006	6926	3A	.01226	.01228	2.27+00	585.5	1.82+05	622.7	1.53+06
661006	7182	3A	.01136	.01182	2.63+00	594.2	2.16+05	624.3	1.11+06
661006	7438	3A	.01036	.01025	2.56+00	583.5	1.99+05	636.8	1.34+06
661007	1933	3A	.01248	.01354	2.43+00	526.2	1.65+05	572.6	1.03+06
661007	12429	3A	.00651	.00667	3.29+00	522.6	1.11+05	575.5	1.31+06
661012	73772	3B	.01009	.03444	3.06+00	453.3	2.67+05	486.4	4.81+05
661013	35756	3B	.01028	.01764	3.06+00	427.4	2.64+05	465.4	4.77+05
661013	36268	3B	.01207	.05395	3.16+00	426.1	2.55+05	480.8	8.58+05
661013	36524	3B	.00873	.03288	2.65+00	437.4	2.68+05	493.5	7.88+05
661013	36780	3B	.00904	.00897	3.19+00	442.8	2.67+05	493.1	5.40+05
661013	37038	3B	.00714	.00803	3.17+00	446.8	2.72+05	492.8	5.84+05
661013	57772	3B	.01480	.04476	3.11+00	438.2	2.18+05	482.4	1.45+06
661013	58028	3B	.00937	.01028	3.28+00	442.2	2.20+05	493.3	5.61+05
661013	68540	3B	.00616	.04240	3.04+00	442.3	2.33+05	462.0	6.60+05
661013	58796	3B	.00738	.01361	3.27+00	440.0	2.41+05	489.3	5.27+05
661017	50094	3B	.13355	.13216	5.57+00	358.4	4.79+04	360.1	1.61+05
661017	50350	3B	.12948	.12480	5.53+00	360.7	4.89+04	357.6	1.73+05
661017	50806	3B	.14150	.14592	5.49+00	355.3	5.18+04	356.1	1.64+05
661017	50862	3B	.12483	.12061	5.75+00	358.1	5.47+04	358.2	1.73+05
661017	51118	3B	.16628	.13494	5.42+00	359.1	4.84+04	356.3	2.75+05
661017	51374	3B	.14293	.13404	5.50+00	360.8	4.78+04	355.1	2.16+05
661017	51630	3B	.12634	.12598	5.89+00	358.1	5.94+04	360.1	1.90+05
661017	51886	3B	.13017	.13057	6.26+00	359.0	5.88+04	361.5	1.86+05
661017	52142	3B	.16176	.14626	5.58+00	360.1	5.85+04	359.8	1.94+05
661017	52398	3B	.14847	.14390	5.77+00	357.7	5.76+04	357.6	1.87+05
661017	55710	3B	.05988	.05836	3.27+00	364.7	3.77+04	353.0	3.09+05
661017	65966	3B	.05539	.05549	3.37+00	364.5	3.63+04	362.9	2.14+05
661017	66478	3B	.06453	.06471	3.33+00	363.7	3.80+04	361.9	2.19+05
661017	66526	3B	.03393	.03350	5.75+00	365.6	3.28+04	358.3	1.46+05
661017	68782	3B	.03580	.03453	5.38+00	363.9	3.60+04	362.1	1.98+05
661017	69036	3B	.01994	.02061	5.67+00	373.3	5.15+04	369.2	2.10+05
661017	69294	3B	.02725	.02711	4.30+00	364.2	4.66+04	362.4	1.91+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660925	14503	3B	.05034	.05303	4.66+00	425.7	1.89+05	448.3	6.22+05
660925	26535	3B	.05305	.05309	4.92+00	453.3	6.42+04	454.0	1.09+05
660925	29095	3B	.05817	.05811	5.76+00	451.2	6.01+04	451.1	1.88+05
660926	3661	3A	.04832	.04625	1.12+01	417.4	5.88+04	418.3	1.70+05
660926	4117	3A	.04521	.04514	1.04+01	415.3	6.10+04	417.6	1.71+05
660926	4373	3A	.05463	.05435	1.19+01	415.8	5.99+04	415.4	1.69+05
660926	4629	3A	.05657	.05642	1.14+01	415.3	5.35+04	417.3	1.49+05
660926	4885	3A	.04632	.04613	9.54+00	419.2	5.49+04	418.8	1.62+05
660926	5141	3A	.03817	.03808	1.02+01	414.9	5.35+04	416.3	1.79+05
660926	5397	3A	.03996	.03961	7.26+00	416.7	5.29+04	417.6	2.00+05
660926	29973	3A	.07084	.07064	9.82+00	425.6	6.34+04	429.8	1.36+05
660926	30229	3A	.07582	.07623	9.91+00	431.0	5.68+04	430.7	1.32+05
660926	30485	3A	.06538	.06526	9.42+00	435.9	5.62+04	437.9	1.38+05
660926	30741	3A	.07688	.07673	9.37+00	436.2	5.18+04	439.0	1.27+05
660926	31253	3A	.06179	.06165	8.23+00	426.2	5.75+04	428.5	1.66+05
660926	31509	3A	.06601	.06559	8.71+00	430.4	5.72+04	432.9	1.45+05
660926	31765	3A	.06591	.06566	8.51+00	426.3	5.37+04	429.1	1.45+05
660926	79636	3A	.04214	.04203	9.13+00	425.4	7.38+04	423.6	2.05+05
660926	80148	3A	.03576	.03587	6.43+00	423.2	9.11+04	424.1	2.94+05
660926	81172	3A	.03316	.03264	1.11+01	434.1	8.22+04	433.6	2.76+05
660927	23956	3A	.05733	.05709	1.19+01	410.1	5.80+04	413.2	1.61+05
660927	24212	3A	.18617	.16532	4.34+00	411.0	7.83+04	414.5	1.45+05
660927	24468	3A	.14065	.13960	4.98+00	411.9	1.04+05	416.2	1.53+05
660927	24960	3A	.05154	.05125	1.14+01	408.2	6.46+04	411.4	1.68+05
660927	25236	3A	.06032	.05990	1.48+01	412.2	6.80+04	413.6	1.70+05
660927	25748	3A	.06474	.06426	1.30+01	411.5	6.80+04	413.4	1.70+05
660927	26004	3A	.06752	.06717	1.41+01	411.6	7.59+04	415.1	1.69+05
660927	26260	3A	.13781	.13715	6.76+00	413.9	1.06+05	415.0	1.42+05
660927	26516	3A	.08026	.07980	1.37+01	414.5	6.79+04	415.0	1.47+05
660927	38804	3A	.07156	.07146	1.34+01	416.0	6.34+04	419.2	1.37+05
660927	39060	3A	.06534	.06502	1.40+01	416.3	6.05+04	417.8	1.40+05
660927	39572	3A	.05356	.05596	8.07+00	400.6	9.75+04	407.2	3.28+05
660927	39828	3A	.03575	.03507	8.67+00	404.8	8.94+04	406.8	2.73+05
660927	63124	3A	.03071	.02922	4.51+00	410.2	8.95+04	414.4	4.03+05
660927	63380	3A	.02531	.02742	4.13+00	415.4	6.83+04	420.0	2.79+05
660927	61812	3A	.04309	.04502	5.46+00	493.6	2.62+05	519.2	6.56+05
660927	82068	3A	.04577	.04793	5.49+00	507.4	2.47+05	520.5	7.28+05
660928	69416	3B	.03800	.04290	3.85+00	520.8	2.68+05	532.3	6.24+05
660928	70952	3B	.04263	.04105	2.98+00	514.6	3.16+05	547.3	8.52+05
660928	71208	3B	.02643	.03704	3.29+00	533.8	3.30+05	556.6	4.93+05
660929	1704	3B	.02253	.02569	2.47+00	560.9	2.83+05	593.2	9.36+05
660929	1960	3B	.01719	.01668	2.70+00	560.7	3.01+05	606.0	1.31+06
660929	3240	3B	.02148	.02033	2.67+00	559.7	3.51+05	605.0	6.17+05
660929	8618	3B	.01794	.01964	2.54+00	564.9	3.45+05	611.5	6.55+05
660929	8872	3B	.02091	.02254	3.00+00	567.9	3.80+05	630.2	9.91+05
660929	9128	3B	.02526	.02857	2.74+00	557.1	3.25+05	636.0	1.49+06
660929	10920	3B	.02415	.02314	2.11+00	567.3	2.98+05	615.0	7.47+05
660929	11176	3B	.03359	.03685	1.74+00	561.3	3.17+05	623.3	8.28+05
660929	30888	3B	.04057	.03710	1.65+00	566.3	1.99+05	610.6	1.27+06
660929	31144	3B	.03768	.04171	1.66+00	623.6	2.58+05	637.7	1.37+06
660929	31400	3B	.03891	.03667	1.67+00	613.5	2.54+05	624.4	8.10+05
660929	47784	3B	.04632	.04837	1.32+00	566.6	2.07+05	644.6	1.27+06
660929	48040	3B	.03317	.03674	1.32+00	566.9	1.73+05	653.6	1.93+06
661001	5777	3A	.06725	.06728	1.66+00	568.9	9.69+04	518.1	6.24+05
661001	29329	3A	.04434	.04471	2.51+00	460.9	8.84+04	477.9	5.61+05
661001	29585	3A	.04695	.04726	2.00+00	477.5	7.49+04	478.4	2.87+05
661001	32913	3A	.05298	.05168	1.43+00	436.6	3.70+04	425.0	6.75+05
661001	43409	3A	.04174	.04400	1.97+00	447.6	6.67+04	456.4	3.18+05
661001	43921	3A	.04128	.04243	2.17+00	439.0	9.64+04	460.7	3.61+05
661002	2321	3A	.03987	.03976	3.02+00	395.4	3.57+04	395.3	1.79+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
660921	52120	3A	.05424	.04912	3.26+00	477.3	1.01+05	479.5	5.82+05
660921	52378	3A	.05128	.05284	3.78+00	490.6	1.06+05	485.0	4.84+05
660921	52888	3A	.05141	.05014	3.26+00	505.1	1.13+05	491.4	5.37+05
660921	53144	3A	.04932	.04749	3.26+00	495.0	1.05+05	488.3	4.59+05
660921	54424	3A	.05635	.05415	3.65+00	470.7	9.61+04	473.2	5.21+05
660921	54680	3A	.05804	.05771	3.37+00	464.3	1.08+05	476.0	4.59+05
660921	54936	3A	.05118	.05079	3.38+00	465.0	1.02+05	473.1	4.63+05
660921	55192	3A	.05274	.05331	3.32+00	460.4	1.06+05	477.0	3.87+05
660921	56984	3A	.04533	.04542	3.39+00	480.3	9.54+04	476.4	3.80+05
660921	57240	3A	.04315	.04349	3.60+00	469.9	1.08+05	466.8	3.73+05
660921	57496	3A	.05071	.04918	3.14+00	464.9	8.61+04	469.9	4.49+05
660921	57752	3A	.04709	.04684	3.14+00	467.2	7.94+04	478.1	3.21+05
660921	59288	3A	.05121	.04924	3.48+00	472.4	7.90+04	471.4	4.82+05
660921	59544	3A	.04986	.04984	3.32+00	470.3	9.62+04	476.1	4.28+05
660921	59800	3A	.04768	.04814	3.00+00	465.4	9.68+04	473.0	3.94+05
660921	60056	3A	.04565	.04716	3.55+00	491.4	1.23+05	482.3	4.03+05
660921	60312	3A	.04455	.04511	3.37+00	490.2	1.14+05	481.9	4.47+05
660921	62360	3A	.04197	.04035	3.49+00	472.6	9.46+04	467.4	3.81+05
660921	64152	3A	.04019	.04102	3.39+00	464.9	8.90+04	468.4	4.19+05
660921	64408	3A	.04336	.04335	2.93+00	459.0	8.73+04	465.6	4.23+05
660921	64664	3A	.04264	.04224	2.88+00	457.3	8.20+04	465.2	4.17+05
660921	64920	3A	.04075	.04077	3.01+00	457.6	8.58+04	466.5	3.79+05
660921	66456	3A	.03535	.03524	3.83+00	454.4	9.41+04	460.2	3.82+05
660921	66712	3A	.03769	.03855	3.00+00	455.0	1.06+05	463.8	3.19+05
660921	66968	3A	.04948	.05122	2.85+00	462.4	9.59+04	465.1	3.75+05
660921	68760	3A	.05305	.05270	2.93+00	455.3	8.23+04	452.7	3.47+05
660921	69016	3A	.05781	.05780	2.84+00	446.3	9.85+04	463.8	3.93+05
660921	69272	3A	.05128	.04922	2.88+00	448.4	9.58+04	458.2	4.48+05
660921	69528	3A	.05560	.05572	2.74+00	442.6	9.80+04	458.7	3.86+05
660921	74464	3A	.04938	.04947	2.84+00	434.8	9.30+04	454.4	2.86+05
660921	79768	3A	.06278	.06307	2.83+00	432.5	1.10+05	453.7	3.53+05
660922	4378	3A	.05197	.05238	2.37+00	455.2	5.60+04	450.9	3.14+05
660922	4632	3A	.05173	.05199	2.48+00	458.3	4.59+04	454.3	2.79+05
660922	7448	3A	.04478	.04433	2.70+00	467.3	8.02+04	453.8	3.68+05
660922	7960	3A	.03677	.03637	2.93+00	456.4	7.25+04	450.5	3.71+05
660922	32792	3A	.04280	.04316	2.85+00	419.2	7.07+04	426.8	3.28+05
660922	33046	3A	.03931	.04047	2.84+00	408.6	7.80+04	431.7	4.26+05
660922	33816	3A	.04253	.04321	2.55+00	406.7	7.52+04	428.5	4.11+05
660922	35864	3A	.07208	.07145	1.39+00	429.9	8.53+04	431.9	3.68+05
660922	36120	3A	.03957	.04116	2.80+00	408.1	8.38+04	426.3	2.75+05
660922	45592	3A	.05390	.05366	2.77+00	435.1	8.37+04	434.7	3.11+05
660922	45848	3A	.04913	.04893	3.86+00	444.6	8.31+04	438.6	2.97+05
660923	3223	3A	.06159	.06177	3.24+00	398.6	5.19+04	402.5	2.95+05
660923	3479	3A	.04800	.04814	2.92+00	411.9	5.07+04	404.9	1.98+05
660923	5015	3A	.04345	.04323	3.45+00	394.3	5.41+04	397.3	2.43+05
660923	5527	3A	.05326	.05309	3.23+00	393.6	5.51+04	401.2	2.82+05
660924	2343	3B	.08015	.07521	1.04+01	466.9	6.54+04	462.1	2.84+05
660924	2599	3B	.08575	.08417	1.00+01	468.3	6.20+04	467.2	2.04+05
660924	2599	3B	.23948	.23809	3.58+00	465.2	8.58+04	468.3	1.74+05
660924	61735	3B	.05522	.03871	8.61+00	422.3	8.96+04	414.8	5.45+05
660924	63015	3B	.06507	.06136	8.78+00	424.6	5.85+04	421.7	4.49+05
660924	63271	3B	.06549	.06446	8.34+00	417.4	8.53+04	416.2	3.43+05
660924	65003	3B	.07737	.07613	3.52+00	417.7	8.27+04	416.8	3.63+05
660924	65319	3B	.04788	.04719	5.86+00	421.6	5.52+04	419.6	3.99+05
660924	65831	3B	.06037	.05657	8.61+00	417.2	4.47+04	411.9	3.07+05
660925	10919	3B	.03856	.03788	6.72+00	425.9	1.00+05	432.4	4.77+05
660925	11175	3B	.04654	.04807	6.33+00	425.1	1.19+05	438.2	4.88+05
660925	11943	3B	.02773	.03055	6.81+00	426.5	2.50+05	459.5	5.26+05
660925	13991	3B	.03559	.03868	8.61+00	402.6	2.55+05	441.6	4.63+05
660925	14247	3B	.03917	.03282	5.50+00	426.8	1.90+05	445.2	5.26+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660915	70820	3B	.05026	.05402	4.35+00	440.3	1.41+05	466.5	5.95+05
660915	71076	3B	.03816	.03414	6.56+00	482.6	1.54+05	474.8	5.96+05
660915	71588	3B	.04549	.04136	5.26+00	447.6	1.41+05	450.6	6.73+05
660915	73124	3B	.04975	.04974	5.10+00	411.6	1.48+05	438.0	6.87+05
660915	75684	3B	.04182	.04728	4.68+00	415.5	1.78+05	463.1	5.50+05
660915	76452	3B	.04791	.03975	6.21+00	434.9	1.56+05	445.9	5.54+05
660915	78244	3B	.05196	.05719	4.60+00	415.7	1.52+05	430.6	6.67+05
660917	5276	3A	.01638	.01332	3.41+00	475.2	1.99+05	486.1	6.34+05
660917	5532	3A	.01495	.01508	3.14+00	506.1	1.83+05	504.0	4.84+05
660917	6044	3A	.02062	.01744	3.26+00	486.2	1.66+05	492.6	8.70+05
660917	6300	3A	.01703	.01610	4.01+00	472.2	2.21+05	497.7	5.43+05
660917	6556	3A	.01460	.01555	3.27+00	479.3	2.08+05	502.8	5.20+05
660917	6812	3A	.02153	.02153	2.86+00	466.5	1.70+05	483.8	5.71+05
660917	42908	3A	.00407	.00425	2.56+00	473.6	1.66+05	517.6	4.38+05
660917	62875	3A	.00373	.00854	2.26+00	469.4	1.56+05	484.9	4.36+05
660917	64923	3A	.00621	.00637	2.24+00	480.9	1.96+05	537.7	1.86+06
660917	67227	3A	.00474	.00928	2.02+00	471.3	1.79+05	500.6	9.22+05
660917	67739	3A	.00501	.00534	2.22+00	479.0	1.96+05	526.2	6.20+05
660917	72347	3A	.00548	.00540	1.82+00	460.3	1.45+05	500.4	4.50+05
660917	72603	3A	.00567	.00590	1.68+00	464.3	1.36+05	496.8	7.38+05
660917	74651	3A	.00437	.00917	1.82+00	458.4	1.28+05	442.2	3.71+05
660917	74907	3A	.00740	.00654	2.22+00	466.7	1.48+05	501.3	1.03+06
660917	77467	3A	.00534	.00651	1.98+00	467.6	1.51+05	490.7	5.35+05
660917	79003	3A	.00675	.03353	1.98+00	448.4	2.05+05	496.0	2.05+06
660919	32933	3B	.05412	.05020	8.40+00	527.0	2.51+05	545.4	8.48+05
660919	33189	3B	.06118	.05650	7.42+00	521.9	2.30+05	547.5	9.65+05
660919	33445	3B	.06417	.06198	7.88+00	530.7	2.46+05	557.1	9.61+05
660919	33957	3B	.05701	.05926	8.03+00	529.4	2.11+05	541.8	7.56+05
660919	34213	3B	.04598	.04309	8.34+00	527.3	2.17+05	545.5	7.91+05
660919	34725	3B	.05582	.05136	7.93+00	529.2	2.11+05	544.7	8.39+05
660919	34981	3B	.05890	.05691	8.22+00	529.5	1.89+05	539.8	9.44+05
660919	56485	3B	.03576	.03893	3.61+00	504.5	1.13+05	522.8	5.91+05
660919	56741	3B	.03744	.04001	3.80+00	500.2	1.14+05	523.4	7.02+05
660919	59557	3B	.07267	.07226	1.84+00	512.1	6.47+04	498.0	5.62+05
660919	59813	3B	.06235	.06198	2.66+00	516.4	6.98+04	518.7	7.63+05
660919	64421	3B	.12607	.12665	1.45+00	520.0	6.09+04	504.1	1.08+06
660919	64677	3B	.16807	.17271	1.31+00	509.6	1.04+05	510.3	2.70+05
660919	66981	3B	.08037	.08081	2.18+00	517.4	7.93+04	523.2	4.33+05
660919	67237	3B	.07869	.07498	2.25+00	512.2	6.67+04	514.8	5.48+05
660919	69029	3B	.09560	.09620	2.56+00	521.1	7.46+04	526.0	2.65+05
660919	69285	3B	.10988	.10191	2.38+00	515.6	5.88+04	510.6	5.37+05
660919	69401	3B	.12219	.10922	3.18+00	505.5	1.65+05	509.8	9.46+05
660920	11045	3B	.10676	.10792	2.94+00	502.5	1.34+05	525.3	6.25+05
660920	11301	3B	.11825	.09805	2.53+00	499.8	1.18+05	513.9	9.62+05
660920	13862	3B	.10560	.10376	3.36+00	500.9	1.84+05	527.5	9.16+05
660920	14373	3B	.09526	.09472	3.31+00	522.8	1.24+05	542.1	9.20+05
660920	36902	3B	.12027	.12526	3.75+00	485.3	1.38+05	511.1	5.54+05
660920	37158	3B	.12906	.12854	3.64+00	489.6	1.27+05	510.6	6.51+05
660920	37414	3B	.11598	.10971	3.74+00	491.8	1.26+05	510.8	6.06+05
660920	39718	3B	.31765	.11592	4.21+00	517.5	1.80+05	524.0	6.30+05
660920	39974	3B	.12403	.12237	3.94+00	528.0	1.18+05	523.8	5.75+05
660920	40486	3B	.06989	.09019	4.87+00	474.7	2.01+05	496.4	5.50+05
660921	47768	3A	.06356	.06539	3.22+00	465.7	8.72+04	481.4	4.98+05
660921	48024	3A	.05824	.05962	3.54+00	484.7	1.15+05	486.1	4.54+05
660921	48536	3A	.05946	.05981	3.59+00	466.5	1.18+05	481.5	4.47+05
660921	49560	3A	.06401	.06712	2.81+00	468.8	1.15+05	482.7	4.49+05
660921	49816	3A	.05650	.05679	3.38+00	474.9	9.84+04	483.7	4.72+05
660921	50072	3A	.05386	.05495	3.50+00	462.4	1.30+05	480.6	4.77+05
660921	50328	3A	.04880	.04859	3.55+00	467.5	1.09+05	478.7	4.85+05
660921	50584	3A	.04789	.04680	3.57+00	485.6	1.38+05	485.1	4.26+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660910	77091	3B	.04595	.04565	2.82+00	529.3	1.48+05	554.6	7.58+05
660910	77347	3B	.03731	.03370	3.21+00	546.3	1.12+05	550.8	1.03+06
660910	77603	3B	.04245	.04357	3.03+00	548.9	1.15+05	552.0	6.65+05
660910	77859	3B	.03552	.03630	3.09+00	545.7	1.15+05	547.3	6.44+05
660910	79395	3B	.03607	.03317	3.23+00	531.7	1.38+05	545.9	7.78+05
660910	79651	3B	.03759	.03562	3.27+00	531.0	1.36+05	549.5	7.56+05
660910	86051	3B	.04265	.04232	3.34+00	534.1	1.61+05	561.0	6.19+05
660910	86307	3B	.04995	.05267	3.18+00	531.3	1.58+05	560.6	9.27+05
660911	675	3B	.03619	.03777	3.40+00	529.2	1.44+05	551.0	7.53+05
660911	931	3B	.04234	.03868	3.41+00	540.2	1.33+05	548.8	8.79+05
660911	22047	3B	.15486	.15725	2.26+00	508.9	1.09+05	526.5	7.21+05
660912	39968	3A	.00925	.00975	4.48+00	385.8	7.02+04	387.5	2.93+05
660912	55583	3A	.00526	.01190	3.21+00	338.3	6.15+04	349.7	2.78+05
660912	55839	3A	.00788	.00754	2.58+00	344.0	5.61+04	349.4	2.43+05
660912	56095	3A	.00774	.00794	2.78+00	344.0	5.57+04	364.5	3.37+05
660912	56607	3A	.00946	.00978	2.89+00	343.7	6.59+04	361.4	3.38+05
660912	56863	3A	.01096	.01137	2.94+00	344.5	6.77+04	352.6	2.09+05
660912	69663	3A	.01112	.01082	3.44+00	325.5	2.06+04	329.6	1.02+05
660912	71967	3A	.00865	.00903	2.98+00	331.5	2.14+04	326.1	1.47+05
660912	72223	3A	.00990	.00975	3.28+00	332.4	2.18+04	333.1	2.38+05
660912	77087	3A	.00955	.00938	3.44+00	328.6	2.22+04	328.0	1.56+05
660913	16287	3A	.00795	.00755	2.05+00	299.6	5.07+04	292.3	1.28+05
660913	21919	3A	.01840	.02865	3.07+00	295.6	6.40+04	295.4	1.48+05
660913	24479	3A	.01545	.01475	2.84+00	277.8	4.14+04	273.9	1.42+05
660913	37023	3A	.01446	.01422	3.98+00	312.4	3.42+04	314.3	3.08+05
660913	37279	3A	.01732	.01562	3.75+00	307.2	4.25+04	314.7	2.09+05
660913	37535	3A	.02221	.02026	3.60+00	312.7	3.45+04	310.0	3.29+05
660913	38815	3A	.02081	.02197	2.78+00	304.9	2.68+04	310.4	1.59+05
660913	41119	3A	.01291	.01770	3.03+00	294.7	3.74+04	300.4	1.78+05
660914	57380	3B	.04172	.05294	9.33+00	379.7	1.27+05	399.8	3.58+05
660914	57636	3B	.04342	.08953	8.32+00	385.6	1.25+05	394.5	3.29+05
660914	57892	3B	.03846	.04218	1.02+01	370.1	1.20+05	387.6	4.13+05
660914	58404	3B	.03721	.08391	9.86+00	382.1	1.41+05	404.7	4.82+05
660914	58916	3B	.03924	.09391	1.50+01	303.8	1.69+05	411.7	5.12+05
660914	66340	3B	.17416	.16974	8.62+00	371.5	7.02+04	371.2	1.18+05
660914	66596	3B	.05706	.04453	1.66+01	365.4	8.85+04	351.5	3.01+05
660914	70692	3B	.02133	.04636	1.01+01	352.0	9.85+04	358.3	2.35+05
660914	71716	3B	.01737	.01524	3.17+00	428.4	2.52+05	470.1	6.05+05
660915	6308	3B	.04231	.11620	7.11+00	463.2	3.69+05	508.3	9.46+05
660915	7076	3B	.02342	.10780	6.74+00	465.0	4.19+05	534.7	6.06+05
660915	7332	3B	.02911	.03988	6.20+00	463.9	3.89+05	524.4	7.07+05
660915	7588	3B	.02918	.03284	6.49+00	461.7	3.58+05	502.6	6.00+05
660915	7844	3B	.03116	.09195	6.32+00	459.3	3.98+05	503.6	1.28+06
660915	24228	3B	.04619	.03474	6.16+00	472.9	3.28+05	498.4	7.97+05
660915	24484	3B	.03901	.04412	5.68+00	466.1	2.69+05	510.1	8.41+05
660915	24740	3B	.04476	.04062	5.74+00	462.6	2.78+05	499.8	7.61+05
660915	25508	3B	.04240	.04114	5.67+00	461.3	2.84+05	508.1	7.05+05
660915	25764	3B	.03682	.03835	5.94+00	458.9	2.98+05	508.1	6.21+05
660915	47012	3B	.03871	.03987	5.23+00	430.2	1.70+05	474.4	6.51+05
660915	47268	3B	.04338	.04264	5.21+00	434.6	1.82+05	469.1	7.15+05
660915	47524	3B	.03892	.03948	5.45+00	428.9	1.88+05	471.9	6.89+05
660915	47780	3B	.04194	.04428	5.10+00	431.6	1.50+05	469.1	4.82+05
660915	48292	3B	.04142	.04530	5.44+00	428.8	1.75+05	469.3	7.70+05
660915	48548	3B	.04311	.04655	5.17+00	431.1	1.84+05	468.2	6.69+05
660915	63652	3B	.03945	.04200	2.76+00	421.1	1.42+05	433.4	3.97+05
660915	66724	3B	.03465	.04359	5.43+00	425.3	1.74+05	457.0	5.07+05
660915	68772	3B	.04493	.05576	4.93+00	434.3	1.90+05	447.5	4.44+05
660915	69028	3B	.04309	.04470	4.84+00	427.2	1.80+05	467.7	4.79+05
660915	69244	3B	.04116	.03978	4.55+00	504.1	2.11+05	498.4	5.37+05
660915	70564	3B	.03928	.04022	4.65+00	482.8	1.18+05	481.0	5.27+05

DATE	TIME	BD	APR1	APR2	DENSITY	F VEL	F TEMP	A VEL	A TEMP
660907	64180	3A	.01291	.01991	5.57+00	468.3	8.53+04	490.3	4.60+05
660907	64436	3A	.01337	.01459	5.64+00	469.5	8.99+04	498.0	5.01+05
660907	56228	3A	.01316	.01835	5.44+00	464.9	1.19+05	503.8	5.55+05
660907	56484	3A	.00979	.01610	6.09+00	463.0	1.24+05	511.5	6.49+05
660908	10275	3A	.04819	.04489	4.39+00	536.8	1.70+05	552.9	1.05+06
660908	10767	3A	.03129	.03248	5.74+00	508.1	2.44+05	553.3	7.56+05
660908	11043	3A	.03105	.03125	5.87+00	503.1	2.28+05	548.1	7.41+05
660908	14371	3A	.03284	.03942	5.05+00	499.4	2.38+05	540.2	6.76+05
660908	34595	3A	.01561	.04284	5.71+00	479.3	2.83+05	502.7	3.65+05
660908	35619	3A	.01563	.01685	5.89+00	487.9	3.30+05	549.0	9.44+05
660909	1186	3A	.01156	.01159	2.75+00	582.4	2.04+05	572.1	6.50+05
660909	2976	3A	.01571	.01604	2.34+00	609.3	1.82+05	653.2	8.24+05
660909	3234	3A	.01305	.01374	2.53+00	632.6	2.05+05	646.4	1.07+06
660909	3490	3A	.01402	.01602	2.66+00	596.7	1.85+05	631.5	1.12+06
660909	3746	3A	.01896	.02039	2.25+00	609.4	1.80+05	659.0	1.18+06
660909	12194	3A	.01607	.01616	3.66+00	617.6	3.05+05	654.0	8.42+05
660909	12706	3A	.01489	.01680	7.23+00	538.6	1.15+06	657.2	1.44+06
660909	13216	3A	.01242	.01224	3.27+00	620.0	2.56+05	643.2	7.00+05
660909	13474	3A	.01529	.01583	3.50+00	624.5	2.59+05	664.9	1.33+06
660909	13986	3A	.01157	.01256	3.27+00	625.8	2.67+05	643.4	9.46+05
660909	14242	3A	.01973	.02039	3.38+00	615.4	2.68+05	639.4	1.05+06
660909	72611	3B	.03838	.03946	3.24+00	529.3	1.26+05	573.9	6.90+05
660909	73379	3B	.02814	.02784	3.65+00	543.7	1.44+05	565.0	6.76+05
660909	75663	3B	.02983	.02944	3.23+00	543.4	1.27+05	566.4	8.16+05
660910	1059	3B	.03260	.03263	2.59+00	529.5	1.27+05	566.0	6.08+05
660910	1315	3B	.03194	.03112	3.00+00	520.5	1.17+05	565.7	9.67+05
660910	1571	3B	.02923	.02952	3.06+00	537.1	1.48+05	558.6	6.34+05
660910	4387	3B	.03827	.03517	2.55+00	536.0	1.17+05	557.7	1.16+06
660910	4643	3B	.02578	.02564	2.96+00	552.2	1.13+05	564.4	6.32+05
660910	4899	3B	.03879	.03788	2.58+00	563.7	9.92+04	569.5	7.15+05
660910	25635	3B	.04029	.04232	2.15+00	541.9	9.20+04	557.9	6.54+05
660910	25691	3B	.03545	.03620	2.62+00	528.6	1.16+05	560.8	6.39+05
660910	26147	3B	.04807	.04704	2.75+00	531.0	1.11+05	542.1	8.53+05
660910	46115	3B	.03772	.03121	3.93+00	575.6	1.98+05	579.1	8.89+05
660910	46371	3B	.03492	.03514	3.99+00	574.1	1.84+05	593.2	9.17+05
660910	46827	3B	.03414	.03486	4.24+00	574.6	1.94+05	598.5	7.98+05
660910	47139	3B	.03522	.03422	4.01+00	562.0	1.85+05	589.0	9.30+05
660910	47395	3B	.03484	.03138	4.13+00	578.1	1.55+05	574.9	8.91+05
660910	48675	3B	.03658	.03562	3.85+00	577.4	1.70+05	586.8	8.84+05
660910	48931	3B	.03783	.03652	3.85+00	581.0	1.92+05	591.1	8.79+05
660910	49167	3B	.03888	.03793	3.58+00	587.2	1.59+05	585.9	7.67+05
660910	49443	3B	.04781	.04707	3.56+00	570.0	1.80+05	586.9	7.58+05
660910	50723	3B	.05046	.04905	3.35+00	583.4	1.48+05	587.9	8.64+05
660910	50979	3B	.03938	.03860	3.30+00	586.9	1.54+05	583.5	7.29+05
660910	51235	3B	.04597	.04783	3.42+00	558.6	1.81+05	579.7	8.22+05
660910	51491	3B	.04378	.03941	3.69+00	552.5	1.72+05	569.7	8.95+05
660910	53027	3B	.04704	.04647	3.14+00	560.0	1.78+05	585.5	8.69+05
660910	53283	3B	.04630	.04436	3.53+00	565.0	1.75+05	583.4	8.82+05
660910	53539	3B	.05064	.05326	3.17+00	562.5	1.81+05	583.8	8.95+05
660910	53795	3B	.04897	.04815	3.61+00	562.3	1.86+05	588.2	7.99+05
660910	55331	3B	.05094	.04964	3.26+00	557.2	1.87+05	581.1	8.54+05
660910	55843	3B	.04583	.04791	3.38+00	559.1	1.80+05	580.1	8.50+05
660910	56099	3B	.04754	.04733	3.61+00	559.7	1.89+05	588.1	8.12+05
660910	56355	3B	.04662	.04790	3.04+00	554.8	1.88+05	575.6	7.26+05
660910	57625	3B	.05285	.05331	3.20+00	556.6	1.86+05	576.6	7.92+05
660910	57891	3B	.04136	.04224	3.47+00	563.6	1.59+05	575.6	7.34+05
660910	58403	3B	.05410	.05502	3.44+00	544.2	2.12+05	564.9	8.83+05
660910	58195	3B	.03522	.03550	2.72+00	535.7	1.29+05	564.6	7.15+05
660910	58707	3B	.04843	.04861	3.72+00	547.5	1.74+05	570.0	8.82+05
660910	61219	3B	.04746	.04369	3.25+00	546.6	1.50+05	571.1	8.77+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660905	41377	3B	.10681	.09927	7.19+00	424.1	1.28+05	428.0	5.21+05
660905	41633	3B	.08910	.09208	7.30+00	437.0	1.35+05	436.1	4.96+05
660905	41689	3B	.10802	.11062	6.89+00	437.2	1.25+05	434.8	4.63+05
660905	42401	3B	.11438	.10216	5.44+00	433.4	1.00+05	428.8	6.47+05
660905	42657	3B	.09667	.09790	5.61+00	430.2	1.27+05	436.4	4.60+05
660905	51873	3B	.02949	.03349	6.16+00	453.0	1.44+05	450.1	3.52+05
660905	52129	3B	.04871	.04560	2.84+00	448.5	7.75+04	448.6	6.21+05
660905	52385	3B	.04277	.03875	3.14+00	456.9	8.98+04	454.9	5.31+05
660905	53665	3B	.05526	.05470	2.27+00	455.1	6.01+04	452.1	3.18+05
660905	53921	3B	.05416	.05379	2.70+00	454.6	5.36+04	447.8	4.93+05
660905	54177	3B	.05245	.05205	3.39+00	454.0	5.39+04	457.1	3.94+05
660905	55201	3B	.06218	.05966	3.68+00	455.1	6.67+04	447.9	3.98+05
660905	55457	3B	.05836	.05826	3.64+00	454.4	5.59+04	446.6	3.95+05
660905	55713	3B	.05855	.05825	3.62+00	453.3	6.37+04	453.5	3.20+05
660905	55969	3B	.05990	.05967	3.55+00	449.0	6.50+04	457.7	3.07+05
660905	56225	3B	.05492	.05458	3.72+00	447.5	6.12+04	445.6	4.02+05
660905	56481	3B	.05602	.04939	3.45+00	450.1	5.70+04	438.2	4.82+05
660905	56737	3B	.05492	.05446	3.60+00	453.4	6.03+04	453.2	3.22+05
660905	56993	3B	.07610	.07177	3.05+00	451.9	5.46+04	447.8	4.57+05
660905	57249	3B	.07568	.06777	3.29+00	451.4	5.95+04	445.5	5.06+05
660905	57505	3B	.09962	.09568	2.80+00	446.5	7.79+04	446.0	3.81+05
660905	57761	3B	.07104	.06778	4.12+00	442.4	5.40+04	438.6	4.09+05
660905	58017	3B	.06380	.06370	5.79+00	438.7	7.60+04	439.0	3.36+05
660905	58273	3B	.08300	.08068	4.50+00	442.4	6.77+04	443.0	3.50+05
660905	58529	3B	.06411	.06107	5.25+00	439.6	7.65+04	437.1	2.78+05
660905	74657	3B	.04244	.03599	3.27+00	444.6	1.33+05	446.7	5.75+05
660905	74913	3B	.04286	.04520	3.60+00	450.9	1.26+05	457.0	4.75+05
660905	77473	3B	.04848	.05400	2.48+00	435.2	1.79+05	454.4	6.89+05
660905	77729	3B	.03740	.04122	3.44+00	432.5	1.95+05	454.9	4.20+05
660905	77985	3B	.03984	.04283	3.45+00	432.5	1.71+05	451.7	4.63+05
660905	78241	3B	.04743	.04691	3.88+00	433.0	1.38+05	437.2	4.60+05
660905	79265	3B	.11156	.11092	3.85+00	424.8	6.71+04	427.9	1.75+05
660905	79521	3B	.09899	.09236	3.07+00	422.2	5.93+04	421.1	2.72+05
660906	10018	3B	.06771	.06777	5.33+00	476.7	7.05+04	473.1	2.05+05
660906	10274	3B	.06211	.06280	5.06+00	480.7	6.41+04	475.4	2.18+05
660906	10530	3B	.07730	.07741	5.05+00	479.5	6.87+04	474.1	2.37+05
660906	11042	3B	.15530	.15544	5.18+00	461.0	5.13+04	477.1	1.66+05
660906	11298	3B	.07124	.07145	5.98+00	474.5	6.89+04	467.4	1.86+05
660906	11554	3B	.08455	.08466	6.31+00	470.6	7.50+04	464.7	1.76+05
660906	11810	3B	.07152	.07172	5.88+00	473.4	6.74+04	467.9	1.88+05
660906	12578	3B	.08748	.08744	5.66+00	470.2	6.81+04	463.6	1.73+05
660906	12834	3B	.09192	.09196	6.17+00	470.0	7.29+04	464.3	1.84+05
660906	13090	3B	.13755	.13739	5.88+00	469.5	6.84+04	464.3	1.45+05
660906	27682	3B	.09863	.09858	1.40+01	442.4	7.82+04	447.1	1.92+05
660906	29730	3B	.03909	.03595	1.08+01	468.0	1.01+05	469.1	2.84+05
660906	38690	3B	.02105	.02190	9.97+00	468.7	2.44+05	505.2	6.08+05
660906	38946	3B	.02490	.02617	1.06+01	463.5	2.43+05	489.0	7.06+05
660906	39202	3B	.01680	.06399	1.14+01	456.6	2.64+05	491.7	6.31+05
660906	39970	3B	.01767	.04931	9.53+00	472.0	2.17+05	500.2	6.89+05
660906	41762	3B	.01608	.05661	7.44+00	497.7	2.70+05	529.1	6.93+05
660906	42018	3B	.02242	.05100	7.00+00	490.4	2.28+05	504.0	7.85+05
660906	42274	3B	.01686	.04857	6.83+00	489.4	2.16+05	509.9	6.81+05
660906	42530	3B	.01674	.01932	8.33+00	492.5	2.79+05	524.0	6.81+05
660907	32164	3A	.03341	.03228	3.74+00	523.5	1.48+05	510.3	6.71+05
660907	51108	3A	.00948	.01453	5.43+00	479.9	1.05+05	499.1	4.96+05
660907	51364	3A	.00776	.01343	5.49+00	483.2	1.02+05	504.0	5.07+05
660907	51876	3A	.00900	.01126	5.69+00	483.8	9.32+04	498.7	3.99+05
660907	52132	3A	.00794	.01153	5.60+00	483.6	9.32+04	509.0	5.18+05
660907	53668	3A	.01255	.01622	5.25+00	491.3	1.06+05	501.8	5.16+05
660907	53924	3A	.01345	.01664	5.30+00	491.2	1.03+05	497.8	5.10+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660902	59432	3A	.04319	.03747	5.67+00	510.7	2.05+05	622.6	1.68+05
660902	76328	3A	.07559	.07425	4.85+00	559.6	7.81+05	579.6	9.64+05
660902	77664	3A	.09596	.09408	3.92+00	599.4	1.56+05	594.4	6.60+05
660902	78376	3A	.08483	.07833	5.31+00	567.3	2.41+05	573.1	7.76+05
660902	78632	3A	.09487	.09112	6.46+00	465.8	3.10+06	560.0	8.77+05
660903	4519	3A	.08204	.08148	5.43+00	570.7	8.92+04	566.7	6.38+05
660903	5287	3A	.08434	.08304	5.80+00	558.4	9.01+04	558.6	4.65+05
660903	6543	3A	.08885	.08048	5.66+00	558.0	8.86+04	543.5	7.44+05
660903	6055	3A	.10377	.09997	4.48+00	550.7	6.47+04	546.6	6.10+05
660903	6823	3A	.08363	.08322	5.27+00	554.6	9.33+04	551.5	5.75+05
660903	7847	3A	.09054	.08721	4.41+00	562.9	8.07+04	550.5	4.10+05
660903	34727	3A	.08250	.08237	5.82+00	477.4	8.21+04	467.8	5.14+05
660903	34983	3A	.07630	.07289	5.63+00	478.5	8.21+04	472.5	5.26+05
660903	35239	3A	.09707	.09582	4.35+00	491.3	7.04+04	469.8	4.11+05
660903	36007	3A	.06418	.05997	4.84+00	474.9	6.91+04	469.3	6.35+05
660903	36263	3A	.07320	.07287	4.91+00	472.0	9.42+04	472.3	4.60+05
660903	36519	3A	.06292	.06619	5.22+00	467.2	9.80+04	469.9	4.02+05
660903	36775	3A	.06834	.06853	4.74+00	462.1	1.10+05	455.8	4.03+05
660903	37543	3A	.03719	.02771	8.64+00	498.8	1.77+05	477.0	4.91+05
660903	37799	3A	.05909	.06056	6.65+00	480.9	1.16+05	481.2	5.27+05
660903	38311	3A	.07503	.07570	1.19+01	469.3	9.56+04	476.7	2.83+05
660903	49319	3A	.08571	.08512	1.15+01	458.9	8.43+04	452.7	2.51+05
660903	49575	3A	.09294	.09251	6.54+00	447.6	5.62+04	451.7	1.51+05
660903	50087	3A	.10969	.10943	5.51+00	462.4	4.83+04	462.6	2.02+05
660903	50343	3A	.07429	.07355	4.91+00	458.7	4.81+04	456.8	2.49+05
660903	52903	3A	.07508	.07296	2.88+00	457.0	4.42+04	451.4	3.28+05
660903	63399	3A	.13199	.13146	2.59+00	438.1	3.53+04	438.6	1.65+05
660903	63911	3A	.10102	.09863	2.79+00	439.7	3.25+04	439.8	2.03+05
660903	67751	3A	.17520	.17455	2.21+00	438.6	3.54+04	435.1	1.10+05
660903	76711	3A	.15811	.14996	5.68+00	516.6	3.26+05	521.9	7.89+05
660903	77223	3A	.15455	.17175	5.28+00	507.6	3.19+05	514.5	6.06+05
660903	77479	3A	.13069	.15856	5.50+00	511.0	2.95+05	526.2	7.24+05
660903	77479	3A	.13069	.15856	5.50+00	511.0	2.95+05	526.2	7.24+05
660903	77735	3A	.15948	.13664	5.69+00	509.3	2.44+05	502.2	8.35+05
660903	77901	3A	.15011	.15978	5.40+00	508.4	2.65+05	515.5	6.45+05
660903	77991	3A	.15011	.15978	5.40+00	508.4	2.65+05	515.5	6.45+05
660903	78247	3A	.16391	.15595	5.37+00	506.8	2.74+05	507.1	6.39+05
660903	78247	3A	.16391	.15595	5.37+00	506.8	2.74+05	507.1	6.39+05
660903	78503	3A	.12398	.13113	5.66+00	503.4	2.66+05	509.4	5.99+05
660903	78759	3A	.14828	.13438	5.92+00	506.8	2.03+05	503.7	6.68+05
660903	78759	3A	.14828	.13438	5.92+00	506.8	2.03+05	503.7	6.68+05
660903	79015	3A	.10518	.11054	5.29+00	501.5	2.44+05	508.7	6.24+05
660903	79015	3A	.10518	.11054	5.29+00	501.5	2.44+05	508.7	6.24+05
660903	79271	3A	.17038	.17067	5.19+00	502.6	1.72+05	499.1	5.56+05
660903	79527	3A	.16025	.16406	5.71+00	499.6	1.64+05	501.4	5.79+05
660903	79527	3A	.16025	.16406	5.71+00	499.6	1.64+05	501.4	5.79+05
660904	14867	3A	.06701	.19179	7.64+00	454.1	4.29+05	487.1	8.96+05
660904	15143	3A	.06868	.06291	6.11+00	451.3	3.85+05	488.5	6.62+05
660904	16670	3A	.05433	.06546	7.98+00	441.2	2.79+05	474.0	4.84+05
660904	16935	3A	.05121	.14799	7.67+00	446.5	2.91+05	477.7	5.82+05
660904	17702	3A	.05090	.04559	7.62+00	448.0	1.96+05	487.3	5.74+05
660904	17958	3A	.06380	.15900	8.77+00	439.9	1.92+05	455.9	7.84+05
660904	19238	3A	.06018	.22024	6.32+00	464.4	4.30+05	500.7	1.06+06
660905	24903	3B	.13228	.13746	2.11+00	391.9	8.62+04	384.6	3.24+05
660905	25249	3B	.22437	.23093	1.14+00	391.8	5.33+04	392.3	4.52+05
660905	39329	3B	.14768	.15254	7.23+00	436.9	1.33+05	436.5	5.39+05
660905	40353	3B	.10530	.10040	6.79+00	438.3	9.85+04	441.2	5.88+05
660905	40609	3B	.10537	.09856	7.26+00	432.0	1.10+05	428.8	5.14+05
660905	40865	3B	.10634	.09835	7.19+00	423.4	1.12+05	425.7	5.82+05
660905	41121	3B	.12410	.12507	7.11+00	427.0	1.23+05	435.0	4.11+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660715	16080	3B	.03732	.03681	7.79+00	325.6	3.01+04	325.6	8.96+04
660715	16336	3B	.04189	.04184	7.60+00	324.0	2.97+04	325.6	6.67+04
660715	16592	3B	.03329	.03310	7.73+00	323.7	2.83+04	325.0	8.73+04
660715	16848	3B	.03181	.03127	7.85+00	322.7	2.87+04	323.1	7.59+04
660715	35280	3B	.05221	.05277	5.66+00	308.0	4.26+04	308.6	7.38+04
660715	35536	3B	.05157	.05174	5.67+00	308.9	3.66+04	308.5	8.60+04
660715	35792	3B	.04456	.04414	5.69+00	310.9	3.54+04	306.6	9.09+04
660715	36304	3B	.04591	.04628	5.79+00	309.1	3.79+04	309.1	9.23+04
660715	36560	3B	.04286	.04312	5.66+00	309.0	3.70+04	305.6	9.04+04
660716	16660	3B	.02862	.03045	3.66+00	428.1	1.96+05	475.2	6.19+05
660716	16916	3B	.02560	.03021	3.56+00	427.8	2.23+05	463.2	5.39+05
660720	80662	3B	.03779	.04322	5.58+00	376.9	9.43+04	369.2	2.23+05
660725	19351	3B	.00908	.01017	1.96+00	441.6	1.17+05	451.3	2.39+05
660729	80536	3B	.11013	.11258	5.45+00	386.2	6.10+04	386.7	2.93+05
660730	3086	3B	.11312	.11308	3.62+00	380.3	3.88+04	387.4	1.84+05
660802	85656	3B	.01573	.01491	6.38+00	315.6	2.37+04	313.4	8.10+04
660803	2584	3B	.02646	.02597	1.13+01	325.0	3.43+04	324.5	1.48+05
660804	8089	3B	.02045	.02060	3.21+00	415.0	4.22+04	415.2	3.19+05
660804	11161	3B	.02308	.02273	4.40+00	430.2	3.75+04	433.8	2.91+05
660804	11929	3B	.02659	.02642	4.41+00	425.8	4.15+04	423.1	3.27+05
660804	30873	3B	.04049	.04168	3.68+00	441.1	1.82+05	465.7	5.13+05
660806	68762	3B	.02175	.02186	5.42+00	361.4	4.17+04	364.3	3.20+05
660809	26906	3B	.01816	.01838	9.58+00	356.4	3.51+04	356.5	8.84+04
660809	36634	3B	.02178	.02180	7.87+00	355.2	2.76+04	354.4	6.22+04
660812	76219	3B	.01452	.01493	4.80+00	482.7	1.06+05	484.5	3.94+05
660812	76699	3B	.01556	.01563	4.89+00	485.9	1.13+05	488.3	4.46+05
660813	7451	3B	.01192	.01164	4.61+00	471.7	9.29+04	487.5	5.61+05
660817	54044	3B	.01927	.01969	3.61+00	302.3	3.65+04	298.1	5.06+04
660822	36509	3B	.01015	.01220	3.42+00	352.8	6.16+04	359.4	1.73+05
660822	38301	3B	.01506	.01440	3.04+00	365.8	4.97+04	362.7	2.60+05
660822	43165	3B	.01413	.01697	3.37+00	370.2	4.68+04	371.3	1.80+05
660822	43667	3B	.01455	.01457	3.35+00	372.6	4.15+04	376.0	1.38+05
660827	9246	3B	.05202	.05326	2.62+00	478.8	9.15+04	479.5	4.71+05
660827	43550	3B	.04567	.04588	2.62+00	432.2	5.57+04	448.1	4.61+05
660829	45611	3A	.04953	.05149	3.61+00	334.8	5.73+04	337.4	1.18+05
660829	45867	3A	.04597	.04605	4.02+00	341.2	5.86+04	336.2	1.37+05
660829	46123	3A	.05761	.06101	3.60+00	331.5	4.92+04	316.4	1.08+05
660829	46635	3A	.04544	.04426	2.97+00	340.2	5.10+04	340.3	1.93+05
660829	47147	3A	.04855	.04882	3.40+00	330.9	6.77+04	330.2	1.36+05
660829	74530	3A	.04948	.04923	1.16+01	402.2	5.50+04	403.8	1.32+05
660829	74795	3A	.04868	.04407	1.17+01	397.8	5.35+04	398.8	2.26+05
660829	75051	3A	.06710	.06677	1.20+01	395.8	6.14+04	395.7	1.06+05
660829	75307	3A	.11389	.10560	5.34+00	399.2	1.04+05	396.5	2.21+05
660829	75563	3A	.06084	.05412	1.49+01	400.5	6.83+04	396.3	3.01+05
660830	5803	3A	.07221	.06913	8.80+00	385.0	6.67+04	384.4	2.42+05
660830	6059	3A	.06674	.06397	7.48+00	386.0	6.12+04	384.3	2.19+05
660830	6315	3A	.07568	.06748	7.09+00	384.8	5.85+04	381.0	3.19+05
660830	6571	3A	.06907	.06632	6.41+00	381.0	5.64+04	379.0	3.06+05
660830	6827	3A	.05490	.05517	7.18+00	382.1	6.38+04	381.0	3.10+05
660830	7083	3A	.03831	.03808	4.73+00	385.4	6.51+04	390.7	3.48+05
660830	7339	3A	.08493	.08067	4.73+00	382.8	6.51+04	385.0	4.38+05
660831	51743	3B	.16283	.16300	3.61+00	653.4	1.26+05	653.2	5.34+05
660831	51743	3A	.16283	.16300	3.61+00	653.4	1.26+05	653.2	5.34+05
660901	15520	3B	.03773	.03760	2.00+00	580.7	1.08+05	572.1	3.67+05
660901	15776	3B	.04386	.04175	2.19+00	585.8	9.53+04	586.7	8.18+05
660901	16288	3B	.04506	.04292	2.00+00	584.2	9.95+04	585.1	6.67+05
660901	66208	3B	.16369	.16346	2.82+00	576.3	5.91+04	572.0	1.79+05
660901	66464	3B	.14788	.14749	2.98+00	573.9	6.40+04	571.1	1.40+05
660902	56872	3A	.05558	.05350	3.58+00	621.7	3.46+05	623.9	1.40+05
660902	58920	3A	.02341	.02867	5.62+00	596.0	4.68+05	623.2	8.12+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660701	78797	3B	.01965	.02106	6.99+00	336.2	1.00+05	341.7	1.90+05
660701	79565	3B	.01694	.01632	6.71+00	334.5	7.25+04	340.9	3.18+05
660701	79821	3B	.01932	.01937	6.20+00	336.8	6.69+04	339.2	2.87+05
660702	10629	3B	.01389	.01355	3.65+00	349.6	5.49+04	346.3	3.31+05
660702	11085	3B	.02837	.02933	2.68+00	334.7	3.00+04	327.7	4.23+05
660702	11597	3B	.01244	.01132	4.62+00	356.4	7.38+04	350.6	2.97+05
660702	11853	3B	.01288	.01066	4.36+00	353.1	5.63+04	356.2	3.64+05
660705	66526	3B	.02255	.02551	4.78+00	365.0	8.10+04	390.8	2.82+05
660705	68082	3B	.02919	.02931	4.73+00	383.4	6.37+04	386.5	2.54+05
660705	58318	3B	.02705	.02743	5.09+00	384.7	6.10+04	390.6	2.92+05
660705	58574	3B	.03311	.03268	5.08+00	385.8	6.04+04	387.6	2.75+05
660705	58830	3B	.02925	.02914	5.30+00	386.1	6.36+04	385.9	2.48+05
660705	59086	3B	.02851	.02673	5.10+00	384.8	6.93+04	388.8	3.18+05
660705	59342	3B	.02584	.02655	4.54+00	383.8	6.64+04	391.2	2.57+05
660705	71374	3B	.03095	.02829	6.65+00	400.2	8.37+04	403.0	4.13+05
660706	4430	3B	.02052	.02362	4.72+00	374.1	7.94+04	373.6	2.65+05
660706	6734	3B	.02903	.02999	5.51+00	366.0	7.19+04	365.5	2.01+05
660706	6990	3B	.03098	.02925	5.73+00	363.8	7.59+04	362.4	2.65+05
660706	7246	3B	.02879	.02649	5.63+00	362.1	6.30+04	360.0	2.50+05
660706	7502	3B	.03001	.02988	5.66+00	360.2	6.35+04	361.9	2.72+05
660706	7758	3B	.02618	.02743	6.30+00	360.8	5.88+04	361.5	1.87+05
660706	9294	3B	.02300	.02476	4.76+00	375.8	6.06+04	368.6	1.22+05
660706	64590	3B	.04256	.04300	3.72+00	348.5	5.36+04	346.8	1.83+05
660706	67662	3B	.04298	.04044	3.72+00	345.6	5.13+04	342.6	2.47+05
660706	67918	3B	.03213	.03206	3.73+00	346.1	5.00+04	348.7	2.14+05
660710	39503	3B	.01580	.03792	4.40+00	521.5	3.03+05	587.3	1.57+06
660710	40015	3B	.01018	.03981	3.76+00	515.7	5.00+05	556.4	9.46+05
660710	49999	3B	.02184	.08544	2.61+00	543.4	4.44+05	515.9	4.01+05
660710	51279	3B	.02187	.05539	3.13+00	563.7	4.87+05	651.9	1.68+06
660710	51535	3B	.02288	.02105	3.13+00	585.0	3.81+05	651.3	1.69+06
660710	51791	3B	.02915	.07270	2.83+00	589.5	4.13+05	615.9	1.53+06
660710	52047	3B	.02854	.02594	2.82+00	618.9	3.40+05	637.9	1.16+06
660710	52815	3B	.02715	.02965	3.29+00	566.3	4.21+05	614.7	1.34+06
660710	53639	3B	.02057	.02156	2.84+00	597.9	3.43+05	668.5	1.40+06
660710	56143	3B	.03307	.03601	2.02+00	602.0	2.28+05	637.4	1.61+06
660711	43471	3B	.02809	.02876	2.20+00	569.4	1.27+05	555.5	6.61+05
660711	45263	3B	.04013	.04049	1.75+00	540.9	9.35+04	557.8	7.23+05
660711	45519	3B	.03213	.03179	2.27+00	536.4	9.55+04	548.6	4.87+05
660711	45775	3B	.03995	.03614	1.72+00	528.8	9.34+04	541.1	7.36+05
660711	63056	3B	.03318	.03330	6.51+00	323.1	3.46+04	322.4	1.13+05
660714	63312	3B	.02664	.02691	6.38+00	321.0	3.44+04	321.0	1.04+05
660714	63824	3B	.03318	.03275	6.78+00	327.3	3.40+04	327.8	1.08+05
660714	64080	3B	.03310	.03274	7.16+00	328.8	3.72+04	326.6	8.68+04
660714	65618	3B	.03518	.03497	6.85+00	326.8	3.22+04	327.1	6.37+04
660714	65872	3B	.03015	.02938	6.65+00	329.1	3.38+04	326.9	1.01+05
660714	66384	3B	.04658	.04651	7.35+00	329.3	3.21+04	323.4	6.57+04
660714	68432	3B	.05475	.05442	6.16+00	331.0	2.77+04	334.9	1.14+05
660714	68688	3B	.01938	.01786	4.96+00	330.9	3.21+04	330.6	1.95+05
660714	72784	3B	.02991	.02982	5.97+00	324.1	2.84+04	325.5	8.68+04
660714	78160	3B	.02158	.02138	5.63+00	329.5	2.98+04	327.7	1.36+05
660714	78416	3B	.02123	.02094	5.41+00	329.2	3.35+04	331.1	1.07+05
660714	78928	3B	.02043	.02018	5.44+00	329.6	3.24+04	328.9	1.02+05
660715	2256	3R	.02047	.02026	6.96+00	333.1	3.14+04	333.4	9.87+04
660715	4560	3R	.02132	.02112	5.63+00	334.6	2.97+04	332.5	1.34+05
660715	4816	3R	.02206	.02147	6.09+00	336.5	3.07+04	330.0	1.60+05
660715	5072	3R	.02144	.02104	6.15+00	334.5	3.04+04	332.9	1.14+05
660715	5328	3R	.02201	.02186	6.34+00	332.6	3.42+04	335.3	1.37+05
660715	13264	3R	.03573	.03524	6.03+00	321.8	3.11+04	325.9	8.60+04
660715	15568	3R	.03585	.03529	6.13+00	325.7	2.79+04	324.9	9.02+04
660715	15824	3R	.03356	.03370	7.99+00	326.3	3.07+04	324.7	9.08+04

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660622	11051	3B	.01319	.01342	2.69+00	394.9	7.68+04	414.4	4.64+05
660622	12107	3B	.01712	.01455	2.29+00	418.4	7.74+04	409.8	4.54+05
660625	85064	3B	.08936	.08921	3.37+00	471.6	4.16+04	468.5	2.44+05
660625	86220	3B	.09561	.09538	3.37+00	473.3	3.96+04	471.9	2.30+05
660626	5708	3B	.10190	.09620	3.21+00	441.0	4.25+04	446.4	3.47+05
660626	5964	3B	.10175	.10014	3.56+00	441.0	4.98+04	448.3	2.89+05
660626	6220	3B	.10917	.10624	2.67+00	439.2	4.83+04	449.9	2.98+05
660626	7244	3B	.10418	.10073	3.19+00	435.8	4.59+04	441.9	3.52+05
660626	7500	3B	.10291	.10158	3.11+00	438.2	4.79+04	444.2	2.51+05
660626	7758	3B	.09819	.09855	3.12+00	439.1	4.75+04	441.1	2.89+05
660626	8268	3B	.10012	.09985	3.26+00	443.9	4.82+04	450.1	2.30+05
660626	10060	3B	.10649	.10255	2.69+00	440.4	4.17+04	445.4	3.06+05
660626	10572	3B	.10099	.10077	3.07+00	453.1	4.19+04	456.5	2.59+05
660626	10828	3B	.10556	.10514	3.54+00	439.6	5.15+04	449.3	3.34+05
660626	12108	3B	.10669	.10233	3.31+00	434.8	5.58+04	442.4	3.24+05
660626	37708	3B	.12858	.12995	1.97+00	443.0	5.55+04	448.2	4.02+05
660626	38220	3B	.09811	.09760	2.77+00	439.3	6.87+04	444.0	5.31+05
660626	46156	3B	.02925	.02557	3.38+00	461.0	1.10+05	460.7	3.66+05
660626	67404	3B	.01907	.02662	3.94+00	468.8	2.38+05	490.7	5.25+05
660630	62285	3B	.02611	.02780	4.26+00	383.6	8.20+04	390.8	3.76+05
660630	73037	3B	.02971	.03052	4.37+00	370.7	7.14+04	384.3	3.61+05
660630	73293	3B	.03468	.03635	4.46+00	369.7	7.27+04	387.7	3.35+05
660630	73549	3B	.03553	.03334	3.16+00	377.0	5.77+04	383.2	3.78+05
660630	73805	3B	.03492	.03560	4.67+00	367.9	7.14+04	376.2	3.16+05
660630	74061	3B	.03375	.03571	4.15+00	363.2	6.95+04	381.8	2.95+05
660630	75597	3B	.03843	.03609	3.39+00	370.9	5.83+04	377.2	4.66+05
660630	75853	3B	.03524	.03560	4.03+00	377.1	6.83+04	389.7	4.57+05
660630	76109	3B	.03777	.03441	4.34+00	368.0	8.31+04	381.8	3.68+05
660630	76365	3B	.02047	.02079	5.65+00	363.1	1.38+05	387.5	3.22+05
660630	77901	3B	.03902	.03538	3.89+00	375.6	5.94+04	379.1	3.34+05
660630	78157	3B	.04227	.04212	3.47+00	357.1	6.56+04	381.2	4.17+05
660630	78413	3B	.03130	.03307	3.73+00	366.5	7.28+04	374.7	3.22+05
660630	78925	3B	.03911	.03900	3.75+00	372.5	6.53+04	383.7	3.04+05
660630	80205	3B	.03127	.03167	4.00+00	392.1	5.36+04	383.0	3.06+05
660630	80461	3B	.04170	.04161	3.49+00	368.0	5.29+04	374.6	3.56+05
660630	80717	3B	.03007	.03041	3.99+00	380.6	6.09+04	383.9	2.37+05
660630	80973	3B	.03378	.03446	3.89+00	374.3	6.34+04	379.7	3.02+05
660630	81220	3B	.02895	.02953	4.04+00	378.1	6.27+04	381.4	2.83+05
660630	84557	3B	.03412	.03447	3.54+00	380.7	5.31+04	378.6	2.45+05
660630	84813	3B	.03496	.03487	3.09+00	364.1	6.82+04	387.1	2.72+05
660701	461	3B	.03745	.03766	3.54+00	365.2	6.87+04	380.6	4.13+05
660701	717	3B	.04344	.04442	3.42+00	360.6	7.45+04	377.8	3.80+05
660701	973	3B	.03530	.03565	3.61+00	371.6	6.10+04	380.6	3.41+05
660701	1229	3B	.02990	.02926	3.79+00	361.4	7.47+04	377.7	3.37+05
660701	16333	3B	.04261	.04236	4.06+00	361.2	5.05+04	354.3	4.32+05
660701	16589	3B	.01938	.01929	5.05+00	364.2	7.23+04	371.3	2.65+05
660701	16845	3B	.02530	.02338	4.76+00	353.5	5.15+04	380.5	3.76+05
660701	30413	3B	.02573	.02549	4.67+00	374.7	3.25+04	374.3	2.42+05
660701	30669	3B	.02570	.02561	4.15+00	374.4	3.41+04	372.2	2.09+05
660701	30925	3B	.02236	.02231	4.45+00	376.5	3.70+04	374.8	2.63+05
660701	31181	3B	.02507	.02463	4.17+00	362.7	3.53+04	376.7	2.48+05
660701	31437	3B	.02679	.02668	4.38+00	361.5	3.69+04	379.7	2.72+05
660701	31693	3B	.02561	.02556	4.09+00	363.2	3.74+04	382.1	2.84+05
660701	31949	3B	.02922	.02901	4.16+00	368.3	4.82+04	371.1	2.79+05
660701	40397	3B	.02361	.02347	4.61+00	360.7	3.99+04	361.9	2.54+05
660701	40653	3B	.01850	.01634	5.63+00	364.9	6.50+04	366.8	2.63+05
660701	40909	3B	.02443	.02430	5.64+00	367.9	5.97+04	371.6	3.01+05
660701	41165	3B	.02120	.01926	6.77+00	354.9	7.60+04	358.2	4.37+05
660701	77005	3B	.01604	.01461	5.65+00	351.1	5.64+04	347.8	1.98+05
660701	77261	3B	.01881	.01634	5.57+00	349.2	5.25+04	345.0	2.32+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660611	67529	3B	.01616	.01623	6.44+00	307.4	2.76+04	302.5	9.75+04
660611	67785	3B	.01214	.01172	6.22+00	304.5	2.90+04	307.4	1.38+05
660612	1865	3B	.02577	.02573	1.42+01	280.3	1.78+04	303.2	9.62+04
660612	2121	3B	.01109	.01100	1.88+01	292.3	2.84+04	293.3	8.77+04
660612	2377	3B	.01230	.01206	1.63+01	292.5	2.54+04	298.3	9.68+04
660612	2889	3B	.00991	.00985	1.53+01	292.0	2.34+04	294.7	5.60+04
660612	3145	3B	.01147	.01140	1.52+01	288.0	2.33+04	291.4	8.71+04
660612	14409	3B	.02654	.02496	7.71+00	321.3	2.78+04	308.9	1.41+05
660612	15433	3B	.01811	.01843	1.11+01	319.5	4.65+04	312.7	1.31+05
660612	15689	3B	.00839	.00865	1.30+01	318.9	5.14+04	316.4	8.84+04
660612	15945	3B	.01932	.02061	1.06+01	313.1	4.82+04	308.6	7.46+04
660612	16201	3B	.01479	.01459	1.05+01	316.7	4.92+04	319.9	9.83+04
660613	24009	3B	.03331	.02640	3.16+00	357.6	8.40+04	364.2	3.18+05
660613	6474	3B	.02823	.02823	1.24+01	363.7	5.02+04	365.1	1.27+05
660613	6730	3B	.04232	.04117	1.21+01	361.9	5.15+04	356.6	1.45+05
660613	25418	3B	.03394	.03351	8.51+00	374.0	4.38+04	374.1	1.46+05
660613	25674	3B	.03247	.03244	8.14+00	372.0	4.40+04	374.1	1.51+05
660613	25930	3B	.03443	.03438	8.11+00	372.4	4.39+04	374.2	1.45+05
660613	26698	3B	.04209	.04175	8.14+00	377.1	4.62+04	376.0	1.53+05
660613	28746	3B	.05058	.05061	6.75+00	373.8	4.79+04	373.7	1.57+05
660613	29002	3B	.04682	.04616	6.37+00	375.0	4.66+04	376.0	2.03+05
660613	29258	3B	.05056	.05066	7.07+00	375.1	4.82+04	375.1	1.29+05
660613	39754	3B	.03582	.03590	5.61+00	380.4	3.98+04	379.3	9.77+04
660613	40010	3B	.03483	.03472	5.80+00	378.2	4.15+04	378.4	2.36+05
660613	41034	3B	.02327	.02326	5.92+00	376.1	4.01+04	375.1	2.09+05
660613	43082	3B	.01924	.01931	6.07+00	376.6	3.78+04	375.9	1.46+05
660613	43338	3B	.02246	.02260	5.74+00	374.8	3.98+04	375.1	1.44+05
660613	55114	3B	.05429	.05227	1.62+00	355.4	7.08+04	339.1	2.18+05
660613	57674	3B	.06247	.06073	2.76+00	342.5	8.65+04	350.5	3.37+05
660613	57930	3B	.04010	.04186	2.66+00	357.6	7.30+04	365.6	2.46+05
660617	1994	3B	.03607	.03188	5.52+00	336.7	5.90+04	332.5	2.34+05
660617	5834	3B	.01900	.01868	6.31+00	330.1	3.78+04	335.7	1.23+05
660617	14794	3B	.01282	.01302	5.63+00	315.3	2.44+04	317.2	6.57+04
660617	15050	3B	.01155	.01158	5.97+00	314.8	2.32+04	320.2	1.76+05
660617	17610	3B	.00961	.00960	6.49+00	310.0	1.62+04	311.8	7.71+04
660617	18378	3B	.01076	.01063	4.50+00	316.1	2.18+04	319.9	1.46+05
660617	29642	3B	.01301	.01378	3.98+00	328.1	3.75+04	321.2	1.96+05
660617	29898	3B	.01287	.01074	3.92+00	325.0	3.67+04	323.3	2.20+05
660617	30154	3B	.01340	.01357	4.02+00	323.1	4.17+04	324.4	1.71+05
660617	32202	3B	.01702	.01553	3.38+00	326.9	4.37+04	330.2	2.18+05
660617	32458	3B	.01764	.01686	3.46+00	331.8	4.07+04	333.0	2.00+05
660617	32714	3B	.01615	.01599	3.57+00	331.7	3.78+04	335.6	1.40+05
660617	38858	3B	.01214	.01262	4.35+00	318.1	5.40+04	319.5	1.40+05
660617	39114	3B	.01238	.01239	4.45+00	321.1	5.41+04	315.0	1.08+05
660617	39370	3B	.01286	.01266	4.76+00	323.9	4.78+04	325.9	2.23+05
660617	39626	3B	.01346	.01127	4.37+00	327.7	4.82+04	324.4	2.04+05
660617	42186	3B	.01012	.00993	5.08+00	316.5	4.47+04	319.4	1.60+05
660617	42442	3B	.01257	.01206	4.51+00	315.1	4.51+04	315.9	1.57+05
660617	42698	3B	.01210	.01112	4.71+00	320.3	4.08+04	317.2	1.94+05
660621	28107	3B	.02627	.02714	3.24+00	410.4	7.45+04	423.4	3.31+05
660621	28363	3B	.02405	.02378	3.74+00	402.5	8.39+04	424.4	3.26+05
660621	28675	3B	.02482	.02548	3.00+00	405.0	8.11+04	423.9	2.90+05
660621	29131	3B	.02339	.02407	3.35+00	406.7	7.96+04	425.0	4.00+05
660621	29387	3B	.04711	.04729	2.19+00	409.5	8.12+04	429.6	4.81+05
660621	51403	3B	.02019	.02081	2.62+00	399.2	8.42+04	414.7	3.89+05
660621	64715	3B	.01238	.01167	2.77+00	397.7	8.45+04	414.7	4.15+05
660621	81089	3B	.01149	.01185	2.73+00	397.7	8.17+04	419.9	7.01+05
660621	81355	3B	.00925	.00937	2.92+00	390.2	9.13+04	419.4	3.84+05
660622	11339	3B	.01081	.01091	2.77+00	383.8	9.53+04	433.6	7.59+05
660622	11595	3B	.00719	.00787	3.07+00	401.4	7.67+04	414.7	3.99+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
660603	3015	3B	.10975	.11394	5.14+00	382.6	8.68+04	386.0	3.28+05
660603	3271	3B	.11330	.11849	4.89+00	382.0	8.78+04	384.1	2.87+05
660603	15615	3B	.05149	.05161	4.85+00	380.8	9.85+04	389.0	3.75+05
660603	16071	3B	.05165	.05099	4.83+00	381.3	9.76+04	388.0	3.78+05
660603	16583	3B	.04542	.04468	5.05+00	381.9	1.07+05	382.1	2.77+05
660603	16839	3B	.05640	.06042	5.87+00	369.1	1.81+05	382.8	2.49+05
660603	17095	3B	.04056	.04115	5.12+00	391.8	1.06+05	395.9	3.25+05
660603	17351	3B	.04692	.04275	4.96+00	395.4	9.91+04	397.4	3.54+05
660603	30407	3B	.04006	.03646	5.58+00	403.6	1.04+05	402.9	4.65+05
660603	30663	3B	.04192	.04117	5.55+00	409.0	1.07+05	408.9	4.59+05
660603	30919	3B	.04087	.03913	5.61+00	417.0	1.19+05	408.8	4.68+05
660603	31175	3B	.04846	.04286	5.12+00	404.4	9.80+04	403.5	4.00+05
660603	31431	3B	.04876	.04607	4.74+00	403.7	9.51+04	403.6	3.20+05
660603	31687	3B	.04276	.04191	5.30+00	404.3	9.71+04	405.3	3.65+05
660607	3528	3B	.03097	.03334	7.71+00	328.6	8.67+04	332.0	1.86+05
660607	3784	3B	.03705	.03800	7.51+00	333.2	5.05+04	334.4	1.88+05
660607	4040	3B	.04119	.03843	7.24+00	333.8	5.06+04	333.7	2.11+05
660607	4808	3B	.03476	.03619	8.12+00	332.2	6.01+04	337.2	1.90+05
660607	6344	3B	.04487	.04406	7.96+00	339.9	7.51+04	340.8	2.15+05
660607	6600	3B	.04058	.03911	8.20+00	344.7	8.24+04	341.3	2.45+05
660607	6856	3B	.04390	.04301	7.88+00	341.4	7.40+04	342.9	2.20+05
660607	7112	3B	.04279	.04222	7.39+00	339.6	7.44+04	341.7	2.28+05
660607	7368	3B	.04752	.04788	6.60+00	339.9	6.65+04	334.9	2.55+05
660607	17352	3B	.04608	.04558	7.00+00	332.2	6.21+04	330.1	2.46+05
660607	17608	3B	.04074	.04070	7.18+00	331.2	8.20+04	330.4	2.24+05
660607	17864	3B	.03661	.03835	7.69+00	329.6	6.43+04	333.7	1.79+05
660607	18632	3B	.04175	.04218	6.18+00	326.4	6.05+04	328.3	2.20+05
660607	20424	3B	.04526	.04995	6.87+00	307.9	8.37+04	317.7	2.43+05
660607	20680	3B	.03794	.04157	6.81+00	312.4	1.05+05	316.0	1.77+05
660607	20936	3B	.03970	.04473	6.80+00	319.5	8.22+04	313.2	2.27+05
660607	21192	3B	.03853	.03922	8.13+00	322.4	6.78+04	324.2	1.97+05
660607	31688	3B	.02098	.02127	1.11+01	326.7	4.43+04	326.2	1.29+05
660607	31944	3B	.03721	.03677	1.19+01	320.1	4.80+04	320.7	1.37+05
660607	32200	3B	.02461	.02464	1.20+01	316.1	4.94+04	316.5	1.34+05
660607	32456	3B	.02683	.02573	1.17+01	319.6	4.05+04	318.6	1.53+05
660607	32968	3B	.02464	.02399	1.19+01	319.3	4.41+04	316.1	1.52+05
660607	34504	3B	.02329	.02330	1.25+01	335.1	3.40+04	336.4	1.17+05
660607	35016	3B	.02582	.02580	1.11+01	330.4	3.10+04	331.8	0.62+04
660607	35272	3B	.02190	.02175	1.20+01	329.9	3.08+04	331.7	1.06+05
660607	35528	3B	.01392	.01473	8.84+00	321.6	3.78+04	320.6	1.00+05
660607	46024	3B	.01784	.01779	1.09+01	327.1	3.58+04	325.2	1.01+05
660607	49864	3B	.02229	.02298	9.55+00	328.2	3.60+04	323.6	6.47+04
660607	62152	3B	.00888	.04268	1.10+01	363.9	1.41+05	383.8	3.44+05
660607	64712	3B	.01233	.03517	9.38+00	376.7	1.47+05	397.4	5.06+05
660607	64968	3B	.01042	.02219	1.07+01	377.6	1.55+05	394.1	3.08+05
660607	65224	3B	.01062	.00803	1.17+01	375.3	1.55+05	398.1	3.90+05
660607	75208	3B	.01577	.03667	6.51+00	400.3	1.79+05	426.0	5.16+05
660607	78280	3B	.01448	.01508	7.32+00	401.8	1.87+05	438.0	4.25+05
660607	78792	3B	.01809	.01936	6.95+00	395.7	1.78+05	426.2	4.97+05
660608	1096	3B	.02365	.01987	6.14+00	360.1	1.05+05	389.8	3.84+05
660608	3144	3B	.01769	.01747	6.68+00	376.0	1.38+05	397.5	3.44+05
660611	31177	3B	.01294	.01291	1.59+01	308.4	3.33+04	315.5	1.11+05
660611	41417	3B	.01494	.01498	1.03+01	310.8	3.08+04	309.0	7.01+04
660611	42185	3B	.01327	.01318	1.02+01	314.0	2.81+04	312.5	9.08+04
660611	60105	3B	.01032	.01038	1.10+01	310.4	2.66+04	311.3	8.88+04
660611	60361	3B	.00990	.00984	9.56+00	313.0	2.81+04	306.5	1.14+05
660611	60617	3B	.01119	.01120	1.03+01	307.7	2.84+04	307.7	7.92+04
660611	60873	3B	.01134	.01133	1.11+01	301.4	2.90+04	302.9	8.21+04
660611	67017	3B	.01220	.01076	1.16+01	300.5	3.70+04	290.1	7.58+04
660611	67273	3B	.00506	.00527	1.12+01	282.6	5.48+04	308.5	2.42+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660520	12996	3B	.02515	.02403	4.49+00	318.4	3.95+04	320.5	2.15+05
660520	13252	3B	.02227	.02216	4.50+00	318.7	4.23+04	325.3	1.94+05
660520	13508	3B	.02348	.02197	4.26+00	317.6	4.50+04	320.1	2.55+05
660520	13764	3B	.02376	.02042	4.15+00	307.4	5.07+04	308.1	1.84+05
660520	24516	3B	.01036	.01180	7.70+00	341.7	9.60+04	352.5	1.18+05
660520	24773	3B	.01350	.03125	8.11+00	342.5	1.07+05	356.1	3.15+05
660520	25540	3B	.01609	.01677	7.65+00	342.2	8.72+04	356.1	3.51+05
660520	25796	3B	.01395	.01418	8.30+00	345.3	8.25+04	364.0	2.76+05
660520	27076	3B	.01323	.01335	8.31+00	333.5	8.32+04	354.6	3.49+05
660520	27333	3B	.01605	.01222	8.33+00	334.5	8.08+04	347.9	3.05+05
660520	27588	3B	.01701	.01744	7.91+00	335.1	7.35+04	341.2	3.05+05
660520	27845	3B	.01943	.01885	7.52+00	336.5	7.98+04	349.9	2.67+05
660520	28100	3B	.01516	.01515	7.95+00	337.4	8.10+04	351.8	2.63+05
660520	28356	3B	.01748	.01726	7.54+00	331.9	8.59+04	350.0	2.43+05
660521	2376	3B	.02885	.02942	1.15+01	375.1	5.96+04	375.6	2.07+05
660521	2629	3B	.03902	.04061	1.17+01	370.2	7.51+04	370.9	1.75+05
660521	3397	3B	.03407	.03443	1.05+01	377.9	5.51+04	378.5	1.60+05
660521	3653	3B	.03212	.03189	1.06+01	377.6	5.13+04	379.5	1.44+05
660524	8133	3B	.01649	.01659	4.05+00	312.1	2.47+04	312.5	1.41+05
660524	8645	3B	.01778	.01775	3.60+00	305.9	2.53+04	306.1	1.34+05
660524	8901	3B	.02151	.02173	3.38+00	304.3	2.59+04	308.0	1.00+05
660524	9157	3B	.01341	.01365	3.69+00	314.6	2.51+04	308.2	1.08+05
660524	26621	3B	.01701	.01747	5.19+00	311.0	3.67+04	313.6	1.61+05
660524	27077	3B	.02092	.01993	4.99+00	312.7	3.14+04	308.7	1.90+05
660524	27589	3B	.01937	.01896	4.82+00	314.1	3.85+04	315.6	2.11+05
660524	45509	3B	.01186	.01201	4.12+00	308.4	2.67+04	314.9	1.70+05
660524	46021	3B	.01149	.01229	3.95+00	305.8	4.20+04	307.1	1.88+05
660524	57541	3B	.01369	.01240	4.21+00	306.8	3.95+04	315.8	2.42+05
660524	57797	3B	.01639	.01572	4.55+00	314.0	4.17+04	319.2	2.22+05
660524	58053	3B	.01663	.01606	4.14+00	313.3	5.01+04	323.9	2.93+05
660524	58309	3B	.01501	.01485	4.80+00	309.9	4.20+04	322.0	2.51+05
660524	62117	3B	.02306	.02303	4.83+00	305.1	4.93+04	311.1	1.98+05
660524	62373	3B	.02518	.02556	4.90+00	302.6	4.99+04	307.2	1.71+05
660524	62629	3B	.02109	.02473	4.68+00	302.0	6.29+04	308.4	1.75+05
660524	62885	3B	.02074	.02506	4.53+00	299.5	7.09+04	306.1	1.78+05
660524	63141	3B	.02195	.02466	4.98+00	298.4	7.02+04	304.1	1.81+05
660524	63397	3B	.02329	.02636	4.96+00	299.5	6.55+04	303.3	1.95+05
660528	53702	3B	.06625	.07208	2.93+00	442.0	1.09+05	447.9	4.92+05
660528	63958	3B	.10319	.10283	2.03+00	367.8	3.90+04	344.1	2.10+05
660528	67014	3B	.04772	.04569	4.12+00	384.5	1.43+05	424.0	3.05+05
660528	69830	3B	.03318	.02581	2.99+00	413.5	5.53+04	405.8	4.46+05
660528	70342	3B	.02865	.02819	4.79+00	405.8	8.25+04	407.5	3.14+05
660528	77254	3B	.04214	.04174	3.24+00	409.5	3.74+04	402.5	2.02+05
660528	80102	3B	.04670	.04617	2.96+00	393.3	3.98+04	394.7	1.98+05
660528	80582	3B	.04387	.04383	3.56+00	397.8	4.54+04	400.1	2.51+05
660528	80838	3B	.03790	.03949	3.48+00	397.5	3.98+04	399.6	2.11+05
660529	38726	3B	.02259	.02248	2.22+00	370.3	1.04+05	397.2	3.74+05
660529	39238	3B	.02728	.07628	2.17+00	366.5	1.04+05	386.9	2.88+05
660602	32583	3B	.04858	.04951	5.27+00	446.1	6.83+04	439.5	3.17+05
660602	32839	3B	.04410	.04166	4.10+00	446.2	6.49+04	439.3	3.65+05
660602	33095	3B	.06127	.06048	6.72+00	449.1	6.51+04	452.1	2.95+05
660602	33607	3B	.06449	.06437	7.39+00	449.7	6.54+04	450.5	2.14+05
660602	47431	3B	.03847	.03828	1.04+01	423.3	7.31+04	419.1	2.29+05
660602	47687	3B	.04452	.04447	1.04+01	428.8	6.45+04	415.7	2.01+05
660602	46199	3B	.03566	.03372	1.33+01	422.2	7.41+04	417.5	3.21+05
660602	48455	3B	.03751	.03807	1.14+01	422.1	6.58+04	418.1	2.26+05
660602	48711	3B	.02871	.02936	1.35+01	421.5	7.01+04	418.4	2.25+05
660602	48967	3B	.02794	.02811	1.60+01	422.1	7.32+04	419.2	2.66+05
660602	49223	3B	.04430	.04467	8.63+00	426.8	6.18+04	420.7	2.18+05
660602	59719	3B	.04645	.04652	5.05+00	424.7	4.90+04	416.6	2.99+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660515	21027	3B	.01063	.01046	4.50+00	324.2	2.55+04	326.0	1.24+05
660515	22083	3B	.01190	.01190	4.53+00	323.2	2.45+04	322.0	1.42+05
660515	22339	3B	.01406	.01403	4.69+00	322.6	2.46+04	327.1	1.66+05
660515	37055	3B	.00931	.01011	4.73+00	303.5	5.66+04	302.8	1.29+05
660515	38211	3B	.01197	.01228	4.91+00	302.4	5.53+04	302.0	1.71+05
660515	38467	3B	.01131	.01256	4.40+00	305.2	5.64+04	309.6	1.55+05
660515	38723	3B	.01229	.01303	4.57+00	305.2	4.78+04	305.5	2.08+05
660515	38979	3B	.01157	.01264	4.37+00	305.8	5.10+04	310.0	1.40+05
660515	49476	3B	.01163	.01174	4.22+00	303.9	2.20+04	310.8	1.30+05
660515	49732	3B	.01397	.01397	4.16+00	305.0	2.04+04	310.7	1.56+05
660515	65348	3B	.01366	.01359	3.56+00	300.3	1.99+04	302.0	1.23+05
660515	66604	3B	.01175	.01187	4.00+00	312.5	2.04+04	309.9	1.59+05
660515	66684	3B	.00678	.00875	4.39+00	312.0	2.79+04	314.2	1.49+05
660515	80452	3B	.01198	.01167	2.64+00	304.9	1.70+04	301.9	1.99+05
660515	81732	3B	.01059	.01058	3.28+00	302.6	1.62+04	305.5	5.44+04
660518	65168	3B	.03220	.03439	5.69+00	310.9	5.62+04	307.6	1.33+05
660518	65700	3B	.04188	.04257	5.78+00	317.1	4.61+04	320.4	1.95+05
660518	65956	3B	.05472	.05649	5.31+00	315.5	5.73+04	321.2	2.15+05
660519	636	3B	.06515	.06337	5.65+00	313.0	5.38+04	315.3	2.26+05
660519	1092	3B	.05375	.05465	5.84+00	314.5	5.50+04	316.2	2.00+05
660519	1604	3B	.08593	.08274	4.69+00	309.1	3.01+04	300.0	4.24+05
660519	30020	3B	.01043	.02114	3.36+00	330.7	1.08+05	343.3	2.42+05
660519	32580	3B	.00533	.00538	4.50+00	334.9	1.26+05	352.8	2.09+05
660519	33092	3B	.01868	.01829	2.76+00	330.9	9.67+04	357.8	3.34+05
660519	44100	3B	.00803	.00782	3.44+00	321.7	4.10+04	329.2	1.45+05
660519	46404	3B	.01573	.01575	3.75+00	325.0	4.85+04	318.6	1.17+05
660519	55364	3B	.00876	.01015	3.40+00	328.9	5.66+04	331.7	9.24+04
660519	61252	3B	.02152	.02420	1.70+00	323.2	6.74+04	334.0	1.70+05
660519	64836	3B	.01157	.01082	3.00+00	331.0	4.95+04	320.7	1.14+05
660519	65092	3B	.01115	.01066	3.18+00	328.2	6.91+04	333.2	1.45+05
660519	65348	3B	.01102	.01114	2.45+00	331.2	5.67+04	334.2	1.80+05
660519	65604	3B	.00835	.00900	3.66+00	325.6	7.89+04	336.4	1.79+05
660519	66116	3B	.01161	.01258	2.82+00	325.1	8.20+04	332.0	1.91+05
660519	72516	3B	.02376	.02242	4.44+00	299.5	4.51+04	302.4	2.39+05
660519	72772	3B	.01972	.02310	4.26+00	315.1	5.48+04	310.5	1.91+05
660519	73028	3B	.01193	.01346	2.75+00	314.2	6.26+04	324.0	1.25+05
660519	78660	3B	.01523	.01640	4.11+00	315.3	4.13+04	312.0	7.13+04
660519	79172	3B	.01555	.01643	4.36+00	313.2	4.61+04	313.0	1.23+05
660519	80452	3B	.01168	.01145	5.55+00	321.3	5.15+04	329.8	1.78+05
660519	80708	3B	.01838	.01644	5.20+00	315.7	5.66+04	309.5	1.98+05
660519	80984	3B	.01792	.01588	5.74+00	314.7	5.13+04	309.8	2.06+05
660519	81220	3B	.02198	.01899	5.00+00	315.0	4.26+04	314.4	2.89+05
660519	81476	3B	.01456	.01474	5.67+00	317.4	4.65+04	324.3	2.07+05
660519	83012	3B	.01840	.01903	5.06+00	311.1	4.14+04	307.0	1.52+05
660519	83268	3B	.01349	.01205	6.30+00	309.4	3.91+04	307.3	1.52+05
660519	83524	3B	.01493	.01656	5.95+00	307.1	4.10+04	313.6	1.86+05
660519	83780	3B	.00959	.01011	5.42+00	317.1	3.85+04	318.8	1.53+05
660519	85316	3B	.01069	.01173	6.07+00	317.0	3.40+04	311.7	1.52+05
660519	85572	3B	.00908	.00923	4.76+00	316.6	3.94+04	315.5	1.80+05
660519	85828	3B	.00823	.00818	5.40+00	318.9	3.17+04	328.1	9.59+04
660519	86084	3B	.00885	.00924	4.89+00	318.1	3.14+04	323.5	2.18+05
660520	1476	3B	.00913	.00808	4.75+00	326.5	2.82+04	326.1	2.41+05
660520	1732	3B	.01277	.01168	4.93+00	332.1	2.86+04	332.0	2.16+05
660520	1988	3B	.01625	.01465	4.34+00	331.0	2.71+04	327.8	1.90+05
660520	2500	3B	.01282	.01276	4.22+00	317.8	2.94+04	321.3	2.04+05
660520	2758	3B	.01032	.00933	4.84+00	323.4	3.28+04	310.8	1.42+05
660520	3012	3B	.01711	.01842	4.59+00	334.6	2.86+04	330.5	2.52+05
660520	10436	3B	.01146	.03159	5.60+00	300.5	5.48+04	314.1	3.20+05
660520	10692	3B	.01981	.02121	4.73+00	303.3	4.25+04	309.4	2.23+05
660520	12740	3B	.01935	.01976	4.37+00	319.1	4.09+04	324.3	2.03+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P THMP	A VEL	A TEMP
660510	26306	3B	.01647	.01638	3.62+00	295.9	2.50+04	295.0	6.90+04
660510	26816	3B	.01654	.01603	3.52+00	287.5	2.65+04	285.4	9.02+04
660510	29122	3B	.01995	.01983	3.62+00	291.0	2.78+04	288.9	1.52+05
660510	29376	3B	.02565	.02602	3.58+00	290.3	3.36+04	285.8	1.27+05
660510	29634	3B	.02783	.02753	4.61+00	291.7	3.82+04	293.6	7.57+04
660510	45762	3B	.00775	.00955	7.98+00	307.2	3.92+04	306.6	9.20+04
660510	46018	3B	.00554	.00523	7.62+00	307.5	4.20+04	306.4	1.13+05
660510	46274	3B	.00615	.00558	7.96+00	307.3	4.11+04	305.6	1.05+05
660510	47042	3B	.01276	.01209	7.39+00	307.4	4.33+04	304.6	2.04+05
660510	47298	3B	.01367	.01385	7.52+00	308.1	4.28+04	305.4	1.69+05
660510	49090	3B	.00786	.00751	7.58+00	306.0	4.82+04	315.8	2.05+05
660510	49346	3B	.01062	.01112	8.43+00	311.5	4.69+04	308.8	1.93+05
660510	49602	3B	.01441	.01292	8.88+00	314.6	4.69+04	315.8	2.38+05
660510	59842	3B	.00599	.00605	1.87+01	310.9	2.96+04	309.6	8.68+04
660510	60610	3B	.00715	.00710	1.12+01	311.2	3.30+04	308.4	1.12+05
660510	60866	3B	.00765	.00774	1.20+01	309.5	3.86+04	314.6	1.60+05
660510	62658	3B	.00580	.00578	1.24+01	311.9	2.72+04	318.1	1.36+05
660510	62914	3B	.00850	.00848	1.89+01	305.9	2.73+04	305.6	5.98+04
660510	63170	3B	.00807	.00805	1.83+01	301.8	2.65+04	304.5	1.13+05
660510	63426	3B	.00876	.00880	1.13+01	300.5	2.92+04	301.9	5.03+04
660510	68546	3B	.01018	.00996	8.84+00	306.9	2.82+04	304.6	6.17+04
660510	69058	3B	.01466	.01466	8.87+00	305.6	2.46+04	307.1	5.66+04
660510	69570	3B	.01813	.01797	7.53+00	295.9	2.52+04	298.2	9.34+04
660510	71362	3B	.01949	.01947	7.61+00	292.2	2.59+04	293.0	7.68+04
660510	71618	3B	.01750	.01747	6.95+00	284.1	2.42+04	296.6	9.69+04
660510	71874	3B	.01895	.01890	8.12+00	284.9	2.57+04	297.1	6.05+04
660510	72130	3B	.01880	.01876	8.67+00	286.6	2.55+04	301.4	1.01+05
660510	72386	3B	.01873	.01867	7.93+00	296.0	2.44+04	298.2	8.65+04
660511	5698	3B	.00331	.00334	5.28+00	265.8	1.06+04	265.1	9.46+04
660511	20546	3B	.01187	.03018	6.57+00	275.6	2.70+04	261.6	1.68+05
660511	32578	3B	.01091	.01117	1.50+01	301.7	5.53+04	330.7	8.12+04
660511	32834	3B	.00457	.00451	1.45+01	317.2	4.78+04	323.4	1.14+05
660511	35650	3B	.01696	.01672	1.52+01	320.0	3.71+04	323.4	8.07+04
660511	35906	3B	.01541	.01541	1.63+01	320.4	4.22+04	323.8	5.91+04
660511	47170	3B	.01342	.01375	1.72+01	308.6	5.03+04	309.9	1.54+05
660511	47426	3B	.01182	.00865	1.53+01	308.2	8.30+04	317.1	2.17+05
660511	47682	3B	.01277	.02604	1.30+01	316.5	8.78+04	325.3	1.79+05
660511	50242	3B	.00612	.01793	7.76+00	370.7	1.92+05	408.0	5.44+05
660514	52163	3B	.01317	.01306	5.32+00	351.8	3.36+04	353.8	3.04+05
660514	52419	3B	.01311	.01325	5.38+00	349.8	3.14+04	347.8	2.85+05
660514	52675	3B	.01773	.01760	4.71+00	344.8	2.98+04	343.1	2.84+05
660514	52931	3B	.01288	.01168	4.98+00	344.9	3.18+04	345.9	2.68+05
660514	53187	3B	.01314	.01310	5.53+00	348.3	3.00+04	342.7	2.47+05
660514	53443	3B	.01491	.01485	4.80+00	347.8	3.41+04	346.4	1.39+05
660514	53699	3B	.01620	.01618	5.55+00	349.0	3.41+04	348.6	3.20+05
660514	70851	3B	.01296	.01302	5.95+00	333.4	3.84+04	338.7	2.33+05
660514	71107	3B	.01250	.01254	5.21+00	329.7	3.66+04	329.1	2.20+05
660514	71363	3B	.01120	.01105	4.93+00	335.9	4.23+04	338.7	1.84+05
660514	71619	3B	.01423	.01410	5.64+00	338.8	4.33+04	342.1	2.36+05
660514	71875	3B	.01452	.01485	5.08+00	325.8	4.19+04	331.9	1.66+05
660515	8003	3B	.02286	.02217	4.16+00	330.2	3.28+04	331.4	2.36+05
660515	8259	3B	.03303	.03101	3.72+00	330.4	3.84+04	330.5	1.52+05
660515	8515	3B	.02256	.02248	4.32+00	338.4	2.78+04	334.6	1.78+05
660515	8771	3B	.02628	.02597	3.95+00	335.1	3.06+04	337.4	2.24+05
660515	9027	3B	.02047	.02045	4.18+00	335.8	2.91+04	335.2	1.84+05
660515	9283	3B	.02589	.02608	3.42+00	334.3	3.66+04	337.1	1.78+05
660515	9539	3B	.02673	.02628	3.12+00	333.9	3.17+04	334.5	1.43+05
660515	9795	3B	.02270	.02270	4.56+00	334.6	3.06+04	336.0	1.52+05
660515	20547	3B	.01245	.01256	4.58+00	323.3	2.34+04	319.6	1.15+05
660515	20803	3B	.01402	.01414	4.65+00	318.9	2.08+04	318.8	1.76+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660506	8129	3B	.03305	.03421	3.81+00	382.7	1.09+05	404.3	3.62+05
660506	8385	3B	.04432	.04378	3.60+00	388.3	1.00+05	393.2	4.04+05
660506	9865	3B	.04381	.04316	3.89+00	395.4	1.01+05	411.1	4.25+05
660506	9921	3B	.04195	.04353	2.95+00	389.0	1.13+05	415.4	3.42+05
660506	10177	3B	.04638	.04700	3.87+00	385.9	1.00+05	414.2	3.43+05
660506	10433	3B	.04609	.04737	2.84+00	384.8	8.72+04	395.1	3.46+05
660506	10689	3B	.04241	.04357	3.80+00	381.3	8.99+04	400.0	4.41+05
660506	12225	3B	.05275	.04738	3.15+00	375.0	8.67+04	382.7	4.81+05
660506	12481	3B	.04221	.03653	2.92+00	380.4	8.70+04	393.6	3.97+05
660506	12737	3B	.04152	.03713	2.86+00	385.3	7.75+04	393.4	3.11+05
660506	12993	3B	.03864	.03555	3.18+00	389.3	7.80+04	398.3	3.46+05
660506	13249	3B	.04045	.03972	3.47+00	393.3	7.53+04	397.5	4.46+05
660506	14529	3B	.04242	.04387	3.08+00	379.5	8.68+04	394.8	3.08+05
660506	14785	3B	.03902	.03967	3.22+00	383.5	8.18+04	402.8	3.68+05
660506	15553	3B	.04417	.04531	3.12+00	387.2	8.22+04	399.0	3.61+05
660506	17345	3B	.04096	.03847	3.28+00	389.5	9.54+04	403.2	3.50+05
660506	17601	3B	.03993	.04290	3.30+00	393.8	8.63+04	401.4	2.96+05
660506	19649	3B	.02900	.03331	4.54+00	379.7	1.16+05	400.7	3.84+05
660506	20161	3B	.03487	.03921	3.21+00	385.0	9.92+04	401.3	3.85+05
660506	20417	3B	.03683	.03916	3.71+00	379.1	9.96+04	406.2	5.58+05
660506	21697	3B	.04494	.04544	3.01+00	388.2	1.07+05	405.9	3.29+05
660506	22209	3B	.04467	.04594	2.97+00	390.1	1.05+05	421.6	3.90+05
660506	22465	3B	.05389	.05027	2.74+00	383.4	1.22+05	404.2	4.21+05
660506	22721	3B	.06124	.05619	2.86+00	399.3	8.73+04	408.0	5.08+05
660506	24257	3B	.04845	.04965	2.84+00	405.1	9.82+04	416.9	3.64+05
660506	24513	3B	.06331	.05888	2.41+00	405.3	7.97+04	408.6	4.46+05
660506	24769	3B	.06142	.05632	2.63+00	407.2	8.89+04	407.9	5.25+05
660506	25025	3B	.05556	.05030	2.75+00	407.3	8.50+04	405.3	4.72+05
660506	26561	3B	.06495	.06198	2.65+00	403.3	8.92+04	408.2	3.48+05
660506	26817	3B	.06478	.05852	2.78+00	405.1	9.20+04	406.0	4.92+05
660506	27073	3B	.05777	.05774	2.71+00	402.9	7.80+04	405.3	4.24+05
660506	27329	3B	.05722	.05357	2.64+00	403.0	8.00+04	406.1	3.70+05
660506	27585	3B	.06544	.05986	2.48+00	402.6	7.19+04	405.7	4.64+05
660506	28865	3B	.05098	.05258	2.61+00	406.6	8.41+04	407.3	3.23+05
660506	29121	3B	.05810	.05846	2.25+00	407.2	8.45+04	402.8	3.67+05
660506	29377	3B	.05370	.05327	2.43+00	401.3	8.05+04	399.5	3.83+05
660506	29633	3B	.05843	.05754	2.31+00	399.6	6.46+04	398.6	3.58+05
660506	29869	3B	.06253	.06416	2.29+00	395.3	7.57+04	401.8	3.05+05
660506	31425	3B	.06331	.06750	2.47+00	373.3	1.26+05	391.9	3.49+05
660506	33985	3B	.04675	.04753	2.36+00	378.2	9.40+04	410.7	4.08+05
660506	34241	3B	.03680	.04115	2.37+00	393.2	1.04+05	412.5	3.79+05
660506	50881	3B	.04391	.04628	3.17+00	380.5	9.30+04	398.0	3.58+05
660506	51137	3B	.05413	.06086	2.32+00	382.2	1.05+05	402.7	4.02+05
660506	65473	3B	.05917	.06113	3.61+00	384.5	7.17+04	380.5	3.14+05
660510	2242	3B	.04426	.04859	2.76+00	312.4	8.64+04	316.6	3.16+05
660510	2498	3B	.03863	.03563	2.76+00	312.3	8.22+04	317.7	2.73+05
660510	2754	3B	.03394	.03363	2.69+00	311.9	8.62+04	323.9	2.75+05
660510	5058	3B	.03623	.03298	2.72+00	314.0	6.15+04	318.5	2.81+05
660510	5314	3B	.03235	.03164	2.79+00	312.8	8.10+04	318.3	2.08+05
660510	5570	3B	.03098	.02951	2.67+00	312.9	8.02+04	318.9	2.00+05
660510	5826	3B	.03252	.03412	2.81+00	313.0	8.77+04	315.3	2.19+05
660510	17858	3B	.03838	.03920	3.29+00	319.6	4.87+04	318.2	1.06+05
660510	18114	3B	.03292	.03377	3.38+00	314.9	5.36+04	319.5	2.46+05
660510	18370	3B	.03153	.03212	3.29+00	318.1	4.31+04	319.4	1.81+05
660510	18882	3B	.02124	.02147	3.37+00	317.3	3.48+04	313.2	1.24+05
660510	19138	3B	.02242	.02216	3.12+00	318.4	3.45+04	318.9	1.54+05
660510	19394	3B	.02767	.02837	3.65+00	318.8	4.10+04	316.2	1.84+05
660510	21442	3B	.02941	.02905	3.30+00	311.0	4.33+04	312.6	1.54+05
660510	21698	3B	.03138	.03154	3.45+00	311.4	4.38+04	310.6	1.21+05
660510	25794	3B	.02061	.02061	3.73+00	297.2	2.39+04	298.6	9.18+04

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660428	71609	3A	.05705	.05212	4.83+00	328.9	5.98+04	329.3	1.76+05
660428	71865	3A	.05960	.06068	4.60+00	329.8	5.34+04	328.1	1.55+05
660429	4409	3A	.11237	.11634	2.67+00	328.0	3.76+04	308.8	2.78+05
660429	5689	3A	.02930	.03906	4.98+00	322.4	6.10+04	325.4	1.52+05
660429	15161	3A	.01618	.02094	3.93+00	336.0	7.21+04	338.7	2.26+05
660429	15417	3A	.02037	.02426	3.84+00	337.9	6.50+04	339.8	1.81+05
660429	15673	3A	.01730	.01949	3.61+00	339.0	6.17+04	339.5	2.12+05
660429	16185	3A	.03239	.02600	2.78+00	348.4	7.70+04	350.1	2.69+05
660429	32625	3A	.03939	.04200	4.36+00	324.2	5.00+04	327.0	1.23+05
660429	33337	3A	.03609	.03965	3.90+00	323.4	5.51+04	328.8	1.65+05
660429	34105	3A	.01655	.01995	5.04+00	313.2	6.51+04	318.7	1.89+05
660430	31680	3B	.01110	.01015	4.31+00	346.3	2.80+04	345.9	2.75+05
660430	31936	3B	.01347	.01442	4.30+00	342.5	2.74+04	349.3	2.80+05
660430	45248	3B	.02258	.02376	4.75+00	356.2	7.87+04	367.8	2.25+05
660430	45760	3B	.02046	.02138	4.83+00	355.1	7.75+04	371.2	2.51+05
660430	46272	3B	.02634	.02837	4.03+00	362.9	7.71+04	373.8	2.18+05
660430	46528	3B	.03169	.03186	5.60+00	366.9	6.89+04	379.1	3.44+05
660430	46784	3B	.03819	.03834	4.91+00	367.5	7.54+04	373.8	2.59+05
660430	48064	3B	.02972	.03194	5.02+00	361.4	7.68+04	371.0	2.46+05
660430	48320	3B	.03104	.03128	5.41+00	359.9	7.45+04	370.8	2.99+05
660430	48576	3B	.03657	.03391	5.25+00	355.5	6.60+04	362.6	3.11+05
660430	48832	3B	.03160	.03264	5.19+00	358.4	7.02+04	366.1	1.79+05
660430	49088	3B	.03160	.03329	5.02+00	360.7	7.53+04	369.9	2.65+05
660430	56560	3B	.03086	.03151	4.74+00	351.7	8.38+04	360.8	2.64+05
660430	58816	3B	.03699	.03829	4.51+00	353.0	6.73+04	363.4	2.47+05
660430	71872	3B	.04063	.04186	4.01+00	364.3	1.22+05	388.2	3.79+05
660430	74688	3B	.03475	.04354	4.16+00	357.9	1.36+05	376.8	3.29+05
660501	9280	3B	.01195	.01300	3.36+00	366.1	1.29+05	409.4	4.98+05
660501	13120	3B	.01976	.02481	2.65+00	376.0	2.13+05	405.1	4.17+05
660501	42048	3B	.00789	.02905	2.78+00	365.5	1.63+05	381.6	4.93+05
660501	44864	3B	.00752	.02549	3.32+00	359.6	1.39+05	363.0	3.26+05
660501	60224	3B	.00358	.00344	3.55+00	379.2	1.28+05	416.1	4.52+05
660501	63296	3B	.00455	.00494	4.22+00	385.9	1.62+05	416.5	3.86+05
660505	26945	3B	.02493	.02458	3.20+00	398.3	7.40+04	399.2	4.64+05
660505	27201	3B	.02758	.02813	3.16+00	406.9	8.53+04	407.4	3.93+05
660505	27457	3B	.02519	.02259	3.53+00	407.1	8.48+04	403.6	4.90+05
660505	27713	3B	.02233	.02093	3.23+00	413.1	8.77+04	404.3	3.45+05
660505	27969	3B	.02508	.02193	3.23+00	397.5	8.30+04	396.3	4.45+05
660505	40257	3B	.01956	.01853	3.56+00	407.5	5.30+04	407.4	4.39+05
660505	40513	3B	.01669	.01644	3.39+00	410.7	5.14+04	400.6	3.64+05
660505	40769	3B	.01632	.01608	3.43+00	412.0	5.10+04	401.3	3.69+05
660505	41025	3B	.01774	.01759	3.85+00	414.2	5.62+04	407.9	3.88+05
660505	41281	3B	.01226	.01065	4.32+00	418.5	6.76+04	399.1	5.05+05
660505	54081	3B	.01621	.01811	2.97+00	353.8	8.38+04	370.8	2.06+05
660505	67393	3B	.03325	.03401	3.13+00	366.2	9.97+04	386.4	3.30+05
660505	68161	3B	.03602	.03551	3.15+00	396.7	8.16+04	393.1	3.77+05
660505	68417	3B	.03612	.03488	3.70+00	395.2	8.33+04	386.5	2.91+05
660505	68673	3B	.03189	.03146	3.71+00	399.5	1.02+05	394.2	4.07+05
660505	68929	3B	.02823	.02929	3.25+00	393.1	8.85+04	388.9	3.57+05
660505	81473	3B	.05598	.05046	3.03+00	385.5	1.33+05	399.0	4.22+05
660505	81985	3B	.04005	.03975	3.30+00	392.3	1.23+05	400.9	2.94+05
660506	449	3B	.03555	.03647	3.09+00	378.4	1.17+05	387.5	3.54+05
660506	1217	3B	.04831	.05170	3.98+00	364.9	1.23+05	392.6	3.88+05
660506	2497	3B	.04447	.04387	3.66+00	391.2	1.19+05	404.9	4.11+05
660506	3009	3B	.03272	.03326	4.76+00	388.2	1.13+05	399.0	4.11+05
660506	3265	3B	.04494	.04043	3.59+00	401.6	8.27+04	401.4	4.08+05
660506	3521	3B	.04337	.04877	3.76+00	385.0	1.14+05	406.0	3.99+05
660506	5313	3B	.05816	.06049	2.02+00	372.0	7.55+04	378.5	4.06+05
660506	5825	3B	.04098	.04438	4.18+00	368.1	1.12+05	382.4	3.91+05
660506	7873	3B	.04048	.04352	3.03+00	379.4	9.75+04	399.4	3.66+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660426	10431	3B	.02001	.01938	5.94+00	345.9	5.38+04	360.7	2.72+05
660426	10687	3B	.03281	.03228	4.59+00	363.9	5.29+04	363.8	2.63+05
660426	10943	3B	.03979	.03941	5.45+00	365.4	5.03+04	364.0	1.88+05
660426	11199	3B	.04871	.04709	4.86+00	363.6	5.54+04	362.6	2.17+05
660426	29631	3B	.03237	.03218	4.65+00	349.0	3.41+04	349.2	1.39+05
660426	29887	3B	.03382	.03261	5.86+00	351.4	3.76+04	348.4	1.74+05
660426	30143	3B	.03791	.03707	4.95+00	351.8	3.52+04	349.0	1.30+05
660426	30399	3B	.02934	.02911	5.84+00	352.2	3.65+04	350.9	1.39+05
660426	30655	3B	.03096	.03074	4.94+00	351.2	3.36+04	348.8	1.34+05
660426	30911	3B	.03020	.03000	4.88+00	352.3	3.30+04	349.9	1.45+05
660426	42943	3B	.03180	.03073	5.43+00	344.3	3.90+04	342.1	1.57+05
660426	43199	3B	.03310	.03297	4.80+00	346.8	3.48+04	347.3	1.58+05
660426	43455	3B	.03085	.03097	5.60+00	342.0	3.99+04	340.8	1.19+05
660426	43711	3B	.03087	.03031	5.63+00	346.8	3.32+04	349.2	1.71+05
660426	43967	3B	.03759	.03621	6.16+00	347.4	3.57+04	347.5	2.07+05
660426	44223	3B	.04778	.04771	5.67+00	353.8	3.36+04	350.0	9.88+04
660426	44479	3B	.03803	.03791	5.56+00	351.5	3.14+04	351.2	1.07+05
660426	58303	3B	.04027	.03838	5.62+00	330.0	5.33+04	330.6	1.34+05
660426	58559	3B	.03871	.03867	4.99+00	331.4	5.14+04	337.6	1.49+05
660426	59071	3B	.04656	.04551	5.73+00	329.0	5.42+04	327.4	1.99+05
660426	59327	3B	.03096	.03149	5.06+00	332.4	5.07+04	337.0	1.37+05
660426	59583	3B	.04727	.04458	4.40+00	334.1	4.89+04	331.7	1.69+05
660426	73407	3B	.03229	.03358	4.39+00	317.9	4.45+04	321.5	9.00+04
660426	73663	3B	.04803	.04267	3.43+00	323.5	4.45+04	316.9	2.47+05
660426	74175	3B	.02991	.03109	4.87+00	323.2	5.54+04	318.9	1.94+05
660427	6975	3B	.04082	.04006	4.47+00	329.7	3.64+04	327.3	1.55+05
660427	7231	3B	.04389	.04356	4.70+00	329.7	3.58+04	329.5	1.33+05
660427	7487	3B	.04819	.04787	4.40+00	329.8	3.59+04	330.3	1.45+05
660427	7999	3B	.04594	.04589	3.93+00	332.6	3.95+04	333.6	1.31+05
660427	26943	3B	.03844	.03624	3.72+00	318.9	3.08+04	317.8	1.53+05
660427	27199	3B	.03686	.03642	3.72+00	317.4	2.96+04	317.1	1.27+05
660427	27455	3B	.03265	.03252	3.95+00	315.9	3.43+04	316.1	1.25+05
660427	27711	3B	.01778	.01612	3.76+00	316.9	3.06+04	316.0	1.71+05
660427	27967	3B	.14494	.14413	1.85+00	285.6	1.23+04	296.1	6.87+05
660427	28223	3B	.01965	.01973	4.16+00	312.0	3.83+04	312.0	1.27+05
660427	28479	3B	.02804	.02813	4.38+00	302.8	5.60+04	326.5	4.04+05
660428	5050	3A	.00587	.00576	8.89+00	306.3	2.21+04	309.3	8.76+04
660428	13242	3A	.02325	.02307	8.83+00	305.2	2.36+04	307.6	3.11+04
660428	13498	3A	.01865	.01858	9.79+00	305.2	2.63+04	307.0	7.07+04
660428	14266	3A	.01390	.01389	9.41+00	303.5	2.47+04	303.4	5.11+04
660428	33210	3A	.03450	.03455	4.80+00	307.4	4.38+04	302.2	1.41+05
660428	33466	3A	.04255	.04510	4.98+00	305.4	4.75+04	303.5	1.51+05
660428	33722	3A	.04549	.04499	4.87+00	306.6	4.34+04	305.4	1.86+05
660428	33978	3A	.03694	.03627	5.11+00	306.1	4.65+04	303.1	1.60+05
660428	34234	3A	.04638	.04524	5.11+00	306.1	4.51+04	306.2	1.88+05
660428	41914	3A	.03278	.03266	6.52+00	313.1	4.92+04	311.4	1.51+05
660428	42170	3A	.03140	.03187	6.02+00	309.2	5.04+04	316.0	1.68+05
660428	42426	3A	.02736	.02769	6.34+00	309.2	4.17+04	313.4	1.31+05
660428	42682	3A	.02613	.02620	6.05+00	310.5	4.02+04	311.2	1.31+05
660428	42938	3A	.02492	.02512	6.76+00	310.6	3.74+04	312.2	1.39+05
660428	43194	3A	.02764	.02821	6.32+00	310.3	3.76+04	309.1	1.25+05
660428	43450	3A	.02877	.02902	5.91+00	318.2	4.24+04	311.0	1.32+05
660428	59065	3A	.03325	.03443	5.97+00	318.6	4.09+04	316.4	1.32+05
660428	59321	3A	.03658	.03623	6.02+00	319.4	5.13+04	320.6	1.60+05
660428	59577	3A	.04287	.04014	6.21+00	315.5	5.84+04	317.5	1.88+05
660428	59833	3A	.04124	.03573	5.58+00	319.5	4.37+04	312.5	1.94+05
660428	60089	3A	.04063	.03571	5.75+00	317.7	4.52+04	313.9	2.10+05
660428	70841	3A	.05274	.04911	4.74+00	332.5	5.83+04	335.0	2.20+05
660428	71097	3A	.05925	.05663	4.49+00	327.6	5.93+04	333.3	1.70+05
660428	71353	3A	.06844	.06968	4.33+00	329.2	6.99+04	330.8	2.04+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
660422	54206	3B	.10243	.10913	6.80+00	448.8	1.80+05	455.9	3.84+05
660422	60606	3B	.10559	.09756	6.98+00	428.3	1.84+05	423.9	4.17+05
660422	60862	3B	.08341	.08463	7.42+00	431.4	1.03+05	431.0	2.81+05
660422	61374	3B	.08788	.08756	6.89+00	443.2	1.01+05	437.2	3.28+05
660422	63678	3B	.09591	.09452	6.26+00	432.2	8.07+04	429.6	3.60+05
660423	58196	3A	.04229	.04229	4.10+00	468.5	9.65+04	481.7	4.82+05
660423	59454	3A	.04056	.04229	3.54+00	498.6	1.11+05	484.7	4.10+05
660423	60990	3A	.04570	.04737	3.38+00	488.3	9.95+04	487.6	4.91+05
660423	61246	3A	.04226	.04223	3.28+00	487.7	9.10+04	480.2	4.51+05
660423	61502	3A	.04196	.03832	3.37+00	485.7	9.08+04	483.5	5.56+05
660423	61758	3A	.03872	.04004	3.83+00	478.6	8.81+04	478.1	3.69+05
660423	64796	3A	.08024	.07792	3.37+00	487.9	2.04+05	511.1	5.39+05
660423	65054	3A	.04073	.04573	2.35+00	466.7	1.43+05	507.1	6.34+05
660423	65566	3A	.06706	.06190	3.07+00	500.6	1.56+05	507.7	6.34+05
660423	65622	3A	.06351	.06149	2.86+00	504.1	1.43+05	517.9	5.60+05
660423	66078	3A	.06503	.06373	2.82+00	503.1	1.42+05	514.7	6.44+05
660423	66334	3A	.06574	.07181	2.94+00	495.0	1.70+05	510.9	5.94+05
660424	190	3A	.06589	.06545	3.08+00	532.2	1.70+05	522.0	5.72+05
660424	9406	3A	.05566	.05525	3.13+00	513.6	1.17+05	502.9	5.15+05
660424	9862	3A	.05010	.04570	3.42+00	509.6	1.06+05	501.2	5.59+05
660424	11985	3A	.05072	.05226	2.80+00	499.6	1.39+05	507.4	4.85+05
660424	12222	3A	.04895	.04946	3.38+00	486.0	1.31+05	501.0	5.53+05
660424	12477	3A	.05065	.05059	2.86+00	497.0	1.33+05	497.6	5.53+05
660424	17341	3A	.05073	.05122	3.12+00	480.9	9.95+04	492.5	3.81+05
660424	17507	3A	.05021	.05063	2.86+00	477.2	9.49+04	493.4	5.36+05
660424	17853	3A	.04396	.04411	2.86+00	477.5	1.02+05	492.6	5.58+05
660424	20669	3A	.04723	.04472	2.33+00	495.6	7.94+04	496.0	6.33+05
660424	20925	3A	.04971	.04962	2.15+00	493.3	8.52+04	500.8	4.63+05
660424	21181	3A	.05481	.05498	1.99+00	493.0	8.03+04	498.5	2.80+05
660424	40893	3A	.03346	.03363	2.23+00	462.0	7.96+04	471.1	3.74+05
660424	41149	3A	.04122	.03957	2.15+00	461.1	8.07+04	466.3	5.03+05
660424	41405	3A	.03678	.03718	1.90+00	458.9	7.66+04	464.4	2.75+05
660424	41917	3A	.07810	.07820	1.41+00	469.2	5.99+04	467.5	4.84+05
660424	48829	3A	.02487	.02563	2.63+00	449.5	8.74+04	457.0	2.84+05
660424	51645	3A	.02519	.02586	2.69+00	443.6	8.27+04	451.3	5.50+05
660424	51901	3A	.02867	.02845	2.86+00	455.2	8.58+04	461.9	3.13+05
660424	52157	3A	.02429	.02410	3.15+00	460.8	8.90+04	467.0	3.54+05
660424	52413	3A	.03063	.03040	2.70+00	452.8	7.61+04	452.1	3.91+05
660424	52669	3A	.03030	.02985	2.88+00	454.2	7.72+04	459.1	2.28+05
660424	61885	3A	.03706	.03711	2.52+00	452.4	8.66+04	458.2	3.45+05
660424	62141	3A	.03764	.03881	2.43+00	455.1	8.70+04	460.7	3.95+05
660424	62397	3A	.04366	.04339	2.67+00	451.2	8.54+04	454.5	4.22+05
660424	74685	3A	.03698	.03558	3.12+00	453.8	9.46+04	450.4	4.79+05
660424	74941	3A	.03377	.03454	2.94+00	453.9	8.88+04	443.5	4.85+05
660424	77757	3A	.03834	.03951	2.84+00	439.3	8.29+04	453.1	3.62+05
660424	78013	3A	.03562	.03608	2.97+00	441.3	7.94+04	448.7	3.52+05
660424	78269	3A	.03948	.03980	2.65+00	438.8	9.37+04	448.6	4.01+05
660424	78525	3A	.03890	.03854	2.86+00	439.6	8.75+04	449.6	4.31+05
660424	78781	3A	.03978	.04031	3.07+00	437.8	8.20+04	454.5	4.22+05
660424	79293	3A	.03382	.03540	3.00+00	438.1	7.59+04	447.8	4.11+05
660424	79549	3A	.03350	.03344	3.04+00	438.4	7.59+04	448.7	4.49+05
660425	7741	3A	.03464	.03457	3.06+00	443.5	8.52+04	441.1	2.34+05
660425	7997	3A	.04058	.04041	3.09+00	444.3	8.28+04	443.1	2.62+05
660425	11325	3A	.03607	.03590	3.66+00	445.1	8.73+04	442.3	2.86+05
660425	58687	3B	.05136	.05163	3.01+00	387.6	3.19+04	393.2	2.38+05
660425	59455	3B	.04426	.04459	2.37+00	387.2	4.20+04	395.4	2.78+05
660425	59711	3B	.02795	.02788	2.37+00	397.5	3.02+04	391.1	2.05+05
660425	59967	3B	.03097	.02919	2.79+00	392.3	3.76+04	384.8	2.86+05
660426	9919	3B	.05781	.05564	3.52+00	355.6	5.43+04	362.8	2.64+05
660426	10175	3B	.04300	.04317	4.14+00	362.8	6.24+04	357.9	1.72+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660417	51517	3B	.03705	.03929	5.57+00	360.8	1.02+05	387.3	3.58+05
660417	66365	3B	.04071	.03965	3.72+00	370.5	6.62+04	372.5	2.63+05
660417	66621	3B	.04598	.04626	3.89+00	369.3	7.09+04	368.0	2.48+05
660417	67133	3B	.04754	.04784	3.95+00	367.4	6.89+04	370.0	2.84+05
660417	67389	3B	.04378	.04572	3.52+00	366.0	6.70+04	371.8	2.67+05
660417	67645	3B	.04236	.04337	3.63+00	366.1	6.65+04	367.8	2.77+05
660417	79165	3B	.03506	.03684	4.06+00	371.4	8.88+04	378.6	2.70+05
660417	79421	3B	.02989	.02994	3.97+00	370.1	6.75+04	375.6	3.36+05
660417	79677	3B	.03425	.03305	3.80+00	367.9	7.36+04	372.6	3.24+05
660417	79933	3B	.02701	.02808	4.43+00	369.9	7.14+04	377.9	2.49+05
660417	80189	3B	.03360	.03512	4.01+00	371.1	7.81+04	376.2	3.14+05
660417	80957	3B	.03118	.03283	4.14+00	354.9	9.46+04	367.0	2.70+05
660417	81213	3B	.03633	.03687	3.77+00	366.3	8.51+04	375.6	2.57+05
660421	3645	3B	.02060	.01814	3.69+00	342.2	9.65+04	359.2	4.00+05
660421	10301	3B	.02053	.02236	3.60+00	343.1	1.05+05	367.4	3.23+05
660421	10557	3B	.02209	.02372	3.60+00	340.7	9.79+04	362.9	2.89+05
660421	11325	3B	.01615	.01691	3.58+00	342.4	1.06+05	363.9	2.93+05
660421	13117	3B	.01568	.01300	4.21+00	350.4	9.84+04	368.3	3.36+05
660421	13373	3B	.01748	.01609	3.73+00	347.3	1.08+05	374.3	3.53+05
660421	13630	3B	.02072	.01874	3.74+00	350.0	8.66+04	358.2	3.80+05
660421	13885	3B	.02348	.02452	3.66+00	346.9	8.56+04	359.0	3.32+05
660421	38718	3B	.02573	.02273	4.38+00	332.4	5.87+04	331.8	3.03+05
660421	38974	3B	.02604	.02414	4.30+00	330.2	6.23+04	337.7	3.25+05
660421	39230	3B	.01686	.01915	4.61+00	332.3	5.87+04	338.3	1.99+05
660421	42046	3B	.01521	.01570	5.10+00	329.6	7.77+04	332.4	2.33+05
660421	42302	3B	.01451	.01439	4.92+00	325.2	6.01+04	336.3	2.76+05
660421	61502	3B	.01107	.02213	4.24+00	322.3	1.11+05	339.4	1.87+05
660421	61758	3B	.01256	.01272	5.26+00	321.5	8.92+04	347.7	2.70+05
660421	64318	3B	.01162	.00998	5.24+00	330.4	5.17+04	339.3	2.94+05
660421	64574	3B	.00881	.00884	5.42+00	330.0	5.65+04	348.2	2.37+05
660421	64830	3B	.01069	.01093	5.32+00	331.0	5.02+04	335.6	2.29+05
660421	65086	3B	.00899	.00982	5.49+00	332.0	5.03+04	338.8	1.97+05
660421	65342	3B	.00838	.00820	5.48+00	334.3	4.33+04	330.5	1.42+05
660421	77630	3B	.01284	.01046	8.74+00	348.3	5.61+04	347.4	1.71+05
660421	78142	3B	.01170	.01199	8.54+00	350.0	5.23+04	355.8	3.39+05
660421	79934	3B	.01743	.01743	9.82+00	356.2	4.24+04	357.9	1.84+05
660421	80190	3B	.01504	.01513	1.08+01	357.4	3.94+04	359.1	1.53+05
660421	80446	3B	.02034	.02011	1.13+01	353.0	3.79+04	353.2	1.37+05
660421	80958	3B	.02020	.01983	8.99+00	360.6	4.04+04	355.7	1.89+05
660422	6126	3B	.02468	.02499	1.07+01	375.8	5.57+04	374.3	1.47+05
660422	6382	3B	.06962	.06789	1.14+01	374.1	4.19+04	359.4	2.38+05
660422	10942	3B	.02418	.02389	1.57+01	387.9	7.46+04	386.5	1.86+05
660422	11198	3B	.03348	.03125	1.24+01	390.4	1.04+05	390.5	2.02+05
660422	11710	3B	.03169	.02867	1.18+01	389.1	1.02+05	392.3	2.99+05
660422	21950	3B	.04464	.04132	5.55+00	416.7	7.11+04	416.2	3.27+05
660422	22206	3B	.03971	.03471	1.28+01	423.4	7.30+04	416.5	4.13+05
660422	22974	3B	.03463	.03426	9.04+00	405.9	9.75+04	410.6	3.48+05
660422	24766	3B	.04638	.04597	9.60+00	404.2	5.62+04	401.5	2.34+05
660422	25622	3B	.04049	.04065	9.93+00	403.4	8.61+04	399.0	2.20+05
660422	25278	3B	.03026	.02981	1.28+01	405.1	8.08+04	403.8	2.43+05
660422	25790	3B	.03110	.03110	1.14+01	409.6	8.24+04	410.8	2.51+05
660422	29630	3B	.04719	.04315	8.05+00	428.2	2.80+05	457.8	6.46+05
660422	29886	3B	.02998	.02101	6.09+00	435.6	4.40+05	489.2	8.40+05
660422	32190	3B	.03956	.03679	4.19+00	444.4	2.75+05	472.3	6.02+05
660422	32446	3B	.03615	.03755	4.11+00	440.7	2.70+05	475.6	5.51+05
660422	32702	3B	.04488	.04841	4.78+00	446.8	2.67+05	472.9	6.92+05
660422	50622	3B	.06718	.06754	1.08+01	437.4	1.56+05	449.0	4.62+05
660422	50878	3B	.06904	.07094	1.10+01	439.3	1.58+05	448.1	4.86+05
660422	51134	3B	.07566	.07794	1.05+01	445.3	1.67+05	450.4	5.60+05
660422	53950	3B	.09418	.09148	8.63+00	445.9	1.14+05	447.7	4.23+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660412	79291	3B	.01313	.01311	7.02+00	314.4	2.13+04	317.9	1.02+05
660412	80059	3B	.03454	.03457	2.46+00	314.3	2.79+04	319.1	1.24+05
660412	82363	3B	.01184	.01184	6.05+00	313.9	1.94+04	319.2	1.04+05
660412	82619	3B	.00924	.00921	7.16+00	313.6	1.72+04	317.4	0.38+04
660412	82875	3B	.01015	.01013	7.10+00	314.4	1.70+04	316.3	7.80+04
660412	83643	3B	.01191	.01190	5.73+00	315.4	2.00+04	317.9	6.99+04
660413	15164	3B	.03873	.03848	1.32+01	324.5	3.54+04	324.9	7.81+04
660413	15420	3B	.03305	.03296	1.42+01	325.7	3.38+04	328.7	8.45+04
660413	15676	3B	.03215	.03199	1.39+01	325.9	3.27+04	327.1	8.75+04
660413	18236	3B	.03994	.03987	1.41+01	323.3	3.39+04	322.3	9.01+04
660413	18492	3B	.04095	.04111	1.65+01	323.7	3.62+04	321.8	9.00+04
660413	18748	3B	.03152	.03111	1.51+01	316.6	4.13+04	314.6	7.10+04
660413	35388	3B	.01877	.01877	8.77+00	351.3	5.12+04	349.1	1.50+05
660413	35900	3B	.01910	.01864	1.26+01	349.4	4.25+04	351.1	1.34+05
660413	38460	3B	.02052	.02044	1.27+01	349.4	3.13+04	350.3	9.40+04
660413	38716	3B	.04612	.04606	6.02+00	346.6	5.34+04	348.0	8.90+04
660413	38972	3B	.01942	.01932	1.42+01	346.6	3.45+04	350.6	9.12+04
660413	39484	3B	.01511	.01506	1.24+01	350.0	3.40+04	350.8	8.85+04
660416	37564	3B	.00739	.01479	3.44+00	337.8	8.38+04	345.5	2.26+05
660416	37820	3B	.00716	.00693	4.69+00	345.7	6.48+04	341.0	1.48+05
660416	38076	3B	.00644	.00641	4.66+00	336.1	6.03+04	342.8	1.55+05
660416	38332	3B	.00895	.00993	4.81+00	342.6	4.97+04	339.6	2.10+05
660416	38586	3B	.00649	.00910	5.21+00	344.3	5.74+04	343.0	2.64+05
660416	38844	3B	.00748	.00844	5.06+00	343.6	5.64+04	344.8	1.98+05
660416	39100	3B	.00470	.00480	6.28+00	340.0	5.78+04	351.1	2.13+05
660416	39812	3B	.00510	.00597	5.11+00	343.3	6.56+04	336.8	2.37+05
660416	53692	3B	.02005	.02017	9.63+00	359.5	7.10+04	359.8	2.54+05
660416	53948	3B	.01978	.01963	9.26+00	353.7	7.40+04	353.3	1.99+05
660416	54204	3B	.01608	.01591	9.48+00	360.0	5.96+04	361.4	2.51+05
660416	54460	3B	.01579	.01665	9.84+00	365.2	7.22+04	370.7	2.11+05
660416	75708	3B	.03357	.03130	7.63+00	370.4	6.58+04	368.8	3.40+05
660416	75984	3B	.02598	.02732	8.55+00	375.6	7.81+04	379.1	2.38+05
660416	76220	3B	.02808	.02817	8.84+00	369.2	7.29+04	374.9	2.97+05
660416	76476	3B	.03171	.03248	8.04+00	362.6	8.26+04	372.1	2.92+05
660416	76732	3B	.03218	.03433	6.82+00	364.7	8.50+04	377.0	2.62+05
660416	76988	3B	.03199	.03325	8.65+00	364.1	7.75+04	372.0	2.71+05
660416	77244	3B	.02970	.02956	8.25+00	363.9	7.16+04	371.5	2.73+05
660417	8765	3B	.04800	.05013	8.75+00	374.6	8.91+04	382.5	3.24+05
660417	9021	3B	.05327	.05169	8.57+00	372.6	8.44+04	376.5	3.85+05
660417	9277	3B	.04842	.04992	8.42+00	366.5	7.65+04	376.3	3.27+05
660417	9533	3B	.04744	.04865	8.61+00	376.6	7.43+04	380.8	3.30+05
660417	22333	3B	.02404	.02584	5.91+00	367.5	8.88+04	376.9	2.91+05
660417	22589	3B	.02875	.02901	5.07+00	366.3	8.57+04	369.9	2.76+05
660417	22845	3B	.02233	.02174	5.91+00	367.0	8.07+04	371.0	2.73+05
660417	23101	3B	.02340	.02195	5.47+00	368.9	8.06+04	365.9	3.07+05
660417	23357	3B	.02459	.02507	5.71+00	371.4	6.99+04	375.5	2.85+05
660417	23613	3B	.02674	.02690	5.63+00	367.9	8.75+04	370.1	3.15+05
660417	35901	3B	.03358	.03393	8.83+00	376.6	8.75+04	384.8	2.80+05
660417	36157	3B	.03536	.03666	7.57+00	375.3	7.94+04	380.5	2.68+05
660417	36413	3B	.03473	.03571	7.41+00	371.9	8.16+04	378.1	2.83+05
660417	36669	3B	.03507	.03739	7.30+00	374.3	8.77+04	380.4	2.38+05
660417	36925	3B	.03383	.03260	7.11+00	373.4	8.74+04	383.0	3.15+05
660417	37181	3B	.03488	.03513	7.02+00	371.5	1.03+05	383.9	2.73+05
660417	37437	3B	.03297	.03642	7.45+00	370.6	8.59+04	381.2	2.89+05
660417	49981	3B	.03878	.03785	6.06+00	383.2	9.57+04	389.1	3.28+05
660417	50237	3B	.03389	.03362	6.05+00	378.6	9.83+04	384.7	3.61+05
660417	50493	3B	.03349	.03342	5.11+00	381.7	7.08+04	384.2	2.91+05
660417	50749	3B	.04073	.04245	5.29+00	381.6	7.85+04	389.0	2.85+05
660417	51005	3B	.03812	.03879	5.52+00	379.0	7.75+04	391.1	4.40+05
660417	51261	3B	.04073	.04214	5.07+00	379.1	1.03+05	388.8	3.20+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660409	76906	3A	.02362	.02327	2.10+00	370.6	5.77+04	370.9	1.26+05
660409	79978	3A	.02556	.02238	4.21+00	349.7	5.98+04	337.2	1.47+05
660409	80234	3A	.01467	.01565	3.89+00	347.1	6.29+04	353.5	1.42+05
660409	82026	3A	.03153	.03507	2.87+00	348.9	6.25+04	346.2	8.15+04
660409	82282	3A	.05907	.06152	2.16+00	353.0	4.98+04	343.7	1.40+05
660409	84330	3A	.03340	.03460	3.18+00	356.2	6.77+04	356.1	1.80+05
660409	84586	3A	.04640	.04527	2.08+00	357.6	4.43+04	358.6	1.20+05
660410	490	3A	.02582	.02566	3.49+00	361.8	5.37+04	366.1	1.48+05
660410	1002	3A	.03273	.02916	3.97+00	368.8	6.05+04	354.7	2.02+05
660410	6378	3A	.03495	.03358	2.88+00	364.2	5.52+04	374.2	1.71+05
660410	6890	3A	.01734	.01756	3.99+00	373.5	7.28+04	364.8	1.51+05
660410	9194	3A	.05800	.05779	2.31+00	369.2	4.10+04	368.5	2.16+05
660410	9450	3A	.02918	.02991	3.43+00	372.5	5.85+04	362.0	1.38+05
660410	11242	3A	.03116	.03179	3.21+00	371.4	5.62+04	365.4	1.39+05
660410	42986	3A	.09560	.09718	2.22+00	331.5	2.87+04	317.8	1.16+05
660410	43498	3A	.04663	.04622	4.30+00	326.8	4.00+04	328.9	1.62+05
660410	43754	3A	.04703	.04698	3.79+00	332.8	4.32+04	337.5	1.55+05
660410	44010	3A	.04610	.04562	3.64+00	334.7	4.36+04	337.1	1.47+05
660410	44266	3A	.04248	.04270	3.37+00	337.3	4.28+04	340.0	1.47+05
660410	61161	3A	.05107	.05716	4.74+00	365.7	5.63+04	367.9	1.63+05
660410	61417	3A	.05243	.05169	5.04+00	363.7	5.58+04	363.1	2.26+05
660410	61673	3A	.05161	.05097	4.99+00	362.6	5.48+04	365.0	2.19+05
660410	61929	3A	.05374	.05363	5.06+00	362.0	5.92+04	366.8	1.67+05
660410	62185	3A	.05678	.05667	5.14+00	363.4	6.22+04	367.5	2.12+05
660410	77801	3A	.07160	.07150	4.78+00	353.9	4.97+04	353.4	1.52+05
660410	78057	3A	.07221	.07120	5.26+00	349.3	5.62+04	349.9	2.08+05
660410	78313	3A	.07569	.07515	4.98+00	350.0	4.95+04	351.8	1.99+05
660410	78569	3A	.06804	.06720	4.95+00	350.6	5.07+04	350.9	1.97+05
660410	78825	3A	.06254	.06217	4.40+00	352.3	4.55+04	352.4	2.02+05
660411	60731	3B	.03062	.02982	3.10+00	325.4	1.12+05	334.0	1.73+05
660411	63035	3B	.04150	.04161	2.56+00	320.0	4.82+04	328.8	1.91+05
660411	63291	3B	.04513	.04253	2.51+00	330.3	4.63+04	327.9	2.75+05
660411	63547	3B	.04338	.04314	2.67+00	327.8	5.07+04	325.8	1.93+05
660411	63803	3B	.03503	.03556	2.76+00	327.4	5.14+04	330.7	1.63+05
660411	64059	3B	.03565	.03507	2.89+00	326.9	5.32+04	324.6	2.12+05
660411	65595	3B	.03623	.03511	2.72+00	338.6	7.89+04	339.9	2.56+05
660411	65851	3B	.03058	.03001	3.00+00	331.3	4.39+04	330.4	2.19+05
660411	66107	3B	.02976	.02954	2.90+00	331.0	4.04+04	335.2	1.29+05
660411	66363	3B	.03181	.03278	3.05+00	331.6	3.98+04	332.3	1.61+05
660411	66619	3B	.03495	.03413	3.10+00	328.7	3.99+04	326.6	2.31+05
660411	66875	3B	.03038	.03117	2.78+00	331.4	3.79+04	325.6	1.21+05
660411	74555	3B	.02067	.01994	4.03+00	319.9	4.11+04	318.5	1.66+05
660411	74811	3B	.02277	.02301	4.19+00	317.0	4.49+04	314.0	1.80+05
660411	75067	3B	.01970	.02007	4.17+00	316.8	4.05+04	316.6	1.77+05
660411	77627	3B	.01557	.01556	4.50+00	318.7	3.58+04	327.9	1.75+05
660411	77863	3B	.01498	.01490	4.43+00	317.4	3.71+04	318.3	2.02+05
660411	78139	3B	.01617	.01675	5.02+00	326.0	3.73+04	319.3	1.99+05
660411	78395	3B	.02272	.02298	4.24+00	315.0	3.88+04	313.3	1.08+05
660411	78651	3B	.01743	.01776	4.44+00	315.8	3.75+04	315.0	1.36+05
660412	10427	3B	.00924	.00927	5.69+00	319.5	3.99+04	309.6	9.40+04
660412	12219	3B	.02248	.02287	4.25+00	325.2	3.62+04	317.8	1.74+05
660412	12475	3B	.02007	.02017	4.51+00	328.7	3.54+04	320.1	2.03+05
660412	12731	3B	.02305	.02237	4.14+00	327.5	3.92+04	324.6	1.63+05
660412	33979	3B	.02917	.02912	5.54+00	335.8	4.46+04	332.0	1.29+05
660412	34235	3B	.02151	.02146	6.20+00	336.2	4.57+04	334.1	1.20+05
660412	34491	3B	.02747	.02723	5.64+00	338.1	4.96+04	331.7	1.28+05
660412	59067	3B	.03838	.03843	5.51+00	330.3	2.53+04	329.9	7.90+04
660412	59323	3B	.04217	.04204	6.02+00	329.8	2.55+04	330.8	8.09+04
660412	59835	3B	.04418	.04402	4.65+00	329.3	2.71+04	329.2	6.98+04
660412	61371	3B	.03462	.03463	5.12+00	326.4	2.46+04	330.1	8.75+04

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660406	20717	3A	.05263	.05443	5.14+00	403.1	7.20+04	406.5	2.85+05
660406	20973	3A	.04429	.04575	5.75+00	399.7	6.88+04	403.5	2.69+05
660406	21229	3A	.05083	.05307	5.87+00	395.6	7.99+04	403.2	2.75+05
660406	84151	3B	.01330	.01379	4.33+00	424.7	1.40+05	444.4	2.63+05
660406	84666	3B	.01041	.03367	4.86+00	423.0	1.71+05	454.8	6.87+05
660406	84922	3B	.00727	.03000	4.97+00	426.9	1.44+05	451.8	5.18+05
660406	85690	3B	.01655	.01988	3.84+00	461.1	1.74+05	495.4	8.71+05
660406	85946	3B	.01750	.05763	3.30+00	453.4	1.90+05	491.9	1.07+06
660407	12090	3B	.01099	.01083	2.53+00	445.4	1.15+05	483.9	6.43+05
660407	29498	3B	.06123	.08281	2.81+00	417.0	1.19+05	384.6	5.81+04
660407	36666	3B	.01394	.01404	3.24+00	462.4	1.16+05	500.6	5.63+05
660407	36922	3B	.01654	.01709	3.19+00	469.7	1.12+05	497.0	1.43+06
660407	38714	3B	.01189	.01317	3.27+00	446.3	1.14+05	484.9	6.80+05
660407	39482	3B	.01014	.01004	3.48+00	450.7	1.08+05	495.1	9.43+05
660407	41018	3B	.01090	.01106	3.28+00	454.5	1.24+05	485.3	5.44+05
660407	41274	3B	.01373	.01374	3.28+00	450.7	1.25+05	494.4	1.08+06
660407	41766	3B	.01129	.01173	2.96+00	450.1	1.11+05	467.8	4.41+05
660408	25018	3B	.00703	.00580	5.68+00	433.5	1.10+05	444.6	5.74+05
660408	25274	3B	.00585	.00599	6.86+00	434.4	1.10+05	445.1	5.15+05
660408	25530	3B	.00718	.00636	6.37+00	434.7	1.04+05	449.1	5.37+05
660408	25786	3B	.00569	.00592	6.23+00	436.6	1.13+05	453.9	4.73+05
660408	26042	3B	.00642	.00535	6.05+00	432.9	1.12+05	443.0	5.05+05
660408	26298	3B	.00783	.00605	5.68+00	433.0	1.13+05	437.7	5.11+05
660408	26554	3B	.00756	.00625	5.78+00	434.1	1.10+05	449.7	7.82+05
660408	37562	3B	.00452	.00409	4.98+00	424.4	1.00+05	445.0	2.85+05
660408	37618	3B	.00570	.00557	4.65+00	418.0	1.05+05	433.4	2.75+05
660408	38074	3B	.00651	.00647	4.41+00	419.6	1.03+05	431.8	4.86+05
660408	38330	3B	.00651	.00658	4.62+00	419.2	9.65+04	426.8	3.33+05
660408	38842	3B	.00460	.00450	5.18+00	416.1	1.02+05	423.1	3.59+05
660408	39098	3B	.00590	.00588	5.87+00	417.8	1.04+05	434.9	5.73+05
660408	52410	3B	.01725	.01653	6.77+00	385.6	3.99+04	383.9	1.66+05
660408	52922	3B	.02510	.02506	5.11+00	383.9	5.33+04	386.7	1.08+05
660408	53434	3B	.01921	.01883	6.86+00	383.5	4.20+04	384.9	1.22+05
660408	53690	3B	.01838	.01802	9.54+00	384.9	3.93+04	382.4	1.67+05
660408	63162	3B	.03748	.03742	1.14+01	363.4	4.01+04	360.7	9.74+04
660408	63674	3B	.02403	.02375	6.26+00	373.6	3.38+04	378.0	1.28+05
660408	63930	3B	.02328	.02319	8.96+00	372.5	3.65+04	378.3	1.16+05
660408	64442	3B	.02297	.02280	6.58+00	373.8	3.72+04	373.3	1.27+05
660408	64698	3B	.02420	.02424	8.32+00	371.4	3.63+04	373.2	1.15+05
660409	50538	3A	.07658	.07637	2.57+00	401.1	4.78+04	397.5	2.60+05
660409	50794	3A	.08646	.08768	2.28+00	375.6	4.82+04	383.7	3.96+05
660409	51050	3A	.05598	.05594	4.30+00	394.3	7.41+04	403.7	3.75+05
660409	51562	3A	.05035	.06043	2.77+00	386.3	7.53+04	387.0	1.88+05
660409	52842	3A	.03445	.03521	3.64+00	395.6	7.21+04	392.8	2.41+05
660409	53098	3A	.04064	.04237	4.15+00	399.0	7.15+04	401.3	2.40+05
660409	53354	3A	.04772	.04890	3.98+00	397.0	7.29+04	405.0	2.72+05
660409	53610	3A	.04001	.04149	4.17+00	399.3	7.03+04	405.2	2.62+05
660409	53866	3A	.03964	.04040	3.68+00	396.9	6.48+04	400.4	2.71+05
660409	55402	3A	.02812	.02840	3.12+00	387.6	6.89+04	389.0	1.65+05
660409	55914	3A	.03609	.03581	5.27+00	382.0	7.22+04	385.2	1.88+05
660409	56170	3A	.04307	.04223	4.13+00	387.0	5.62+04	389.9	2.91+05
660409	56426	3A	.03792	.03829	4.76+00	385.9	6.91+04	380.2	2.23+05
660409	56898	3A	.03757	.03695	2.88+00	375.2	4.17+04	374.5	2.65+05
660409	57434	3A	.04018	.04029	3.38+00	375.6	6.13+04	375.8	2.07+05
660409	57690	3A	.04147	.04194	2.87+00	380.3	5.71+04	381.3	2.01+05
660409	57946	3A	.04441	.04470	3.87+00	378.2	5.83+04	379.8	2.48+05
660409	58202	3A	.04492	.04507	2.76+00	376.6	6.58+04	379.8	2.16+05
660409	58602	3A	.03717	.03734	3.22+00	358.4	6.33+04	356.0	1.51+05
660409	75370	3A	.04054	.04053	2.46+00	349.2	4.98+04	378.9	2.23+05
660409	75626	3A	.04859	.04878	1.94+00	378.8	3.85+04	369.8	1.17+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VOL	P TEMP	A VOL	A TEMP
660405	27502	3A	.04545	.05425	5.64+00	377.4	1.10+05	377.9	2.72+05
660405	27758	3A	.05404	.05966	5.62+00	372.1	1.15+05	377.3	2.83+05
660405	28270	3A	.06273	.05798	4.49+00	373.7	9.22+04	379.8	2.90+05
660405	36974	3A	.05552	.05110	4.59+00	373.6	1.00+05	380.2	3.37+05
660405	37230	3A	.05437	.05596	4.14+00	369.9	9.93+04	376.6	2.80+05
660405	37486	3A	.05051	.05298	3.76+00	369.0	9.43+04	373.0	3.16+05
660405	37998	3A	.05830	.05995	4.33+00	380.1	1.09+05	392.4	3.17+05
660405	38254	3A	.06308	.06269	3.88+00	386.4	8.09+04	385.5	2.60+05
660405	39790	3A	.07042	.06517	4.66+00	386.1	7.03+04	389.3	3.97+05
660405	40046	3A	.05255	.05346	4.61+00	389.6	1.04+05	399.0	3.15+05
660405	40302	3A	.06372	.05836	3.99+00	386.5	6.26+04	387.5	3.37+05
660405	40558	3A	.05310	.05042	4.87+00	387.6	6.73+04	388.8	3.27+05
660405	40814	3A	.05992	.05940	4.63+00	393.5	7.49+04	390.7	2.74+05
660405	42094	3A	.05516	.05310	4.87+00	378.6	9.26+04	388.3	3.37+05
660405	42350	3A	.06730	.07145	4.45+00	364.9	1.01+05	385.9	3.70+05
660405	42606	3A	.05174	.05347	5.15+00	395.6	9.12+04	396.2	2.83+05
660405	42862	3A	.06892	.06545	4.11+00	386.7	8.28+04	390.8	3.84+05
660405	43118	3A	.05634	.05421	4.47+00	383.7	8.21+04	390.1	3.35+05
660405	44654	3A	.05623	.05343	4.33+00	363.2	8.26+04	388.1	3.35+05
660405	44910	3A	.05438	.05326	4.11+00	388.1	5.83+04	392.7	2.88+05
660405	45166	3A	.06819	.06525	4.28+00	388.1	8.18+04	385.6	2.72+05
660405	45422	3A	.08009	.07917	3.83+00	382.3	8.60+04	394.4	3.24+05
660405	46958	3A	.06177	.06188	4.49+00	393.6	7.75+04	397.8	2.61+05
660405	47214	3A	.06567	.06093	4.48+00	392.1	6.58+04	388.1	3.79+05
660405	47470	3A	.04976	.04983	5.82+00	391.4	6.94+04	394.2	2.71+05
660405	47726	3A	.06660	.06698	4.22+00	395.5	7.74+04	394.3	3.00+05
660405	47982	3A	.05498	.05443	4.29+00	381.7	7.30+04	390.6	2.68+05
660405	49262	3A	.06335	.06306	4.47+00	382.6	7.39+04	394.0	3.01+05
660405	49518	3A	.06508	.06537	4.72+00	387.5	6.94+04	396.1	2.71+05
660405	49774	3A	.05749	.05795	4.44+00	388.6	7.17+04	394.8	2.48+05
660405	50030	3A	.06647	.06602	4.47+00	394.6	5.94+04	397.7	2.49+05
660405	50286	3A	.05121	.05086	4.80+00	387.3	6.86+04	397.4	3.33+05
660405	51822	3A	.05453	.05284	4.42+00	394.1	6.48+04	397.4	3.13+05
660405	52078	3A	.05774	.05698	4.26+00	409.6	5.86+04	406.9	2.35+05
660405	52334	3A	.05281	.05262	4.57+00	402.5	5.57+04	401.5	2.54+05
660405	52590	3A	.06735	.06450	4.14+00	399.2	4.99+04	397.0	3.53+05
660405	54126	3A	.06061	.05895	4.29+00	404.3	5.64+04	402.6	3.31+05
660405	54382	3A	.06682	.06742	4.88+00	408.5	8.12+04	407.4	2.57+05
660405	54636	3A	.06370	.06397	4.38+00	402.7	8.07+04	406.1	2.55+05
660405	54894	3A	.05884	.05778	4.88+00	410.6	8.26+04	409.5	2.80+05
660405	55150	3A	.06325	.06409	4.42+00	408.4	6.51+04	411.0	2.64+05
660405	56686	3A	.06889	.06537	4.44+00	376.7	9.26+04	386.5	2.97+05
660405	56942	3A	.06879	.06763	4.61+00	402.1	8.59+04	405.2	2.74+05
660405	57198	3A	.05162	.05162	4.60+00	413.6	5.99+04	402.2	2.82+05
660405	57454	3A	.06382	.06561	4.13+00	399.0	7.24+04	408.1	2.71+05
660405	58990	3A	.06923	.06953	4.84+00	396.7	6.49+04	404.2	2.75+05
660405	66926	3A	.04536	.04278	5.15+00	374.0	7.17+04	379.6	2.62+05
660405	69742	3A	.07373	.07884	3.47+00	380.4	1.06+05	386.5	3.21+05
660405	70254	3A	.06579	.06825	6.12+00	382.8	7.66+04	383.9	3.05+05
660405	74862	3A	.06505	.06642	3.54+00	376.4	8.42+04	387.9	2.26+05
660405	75630	3A	.06666	.06442	3.65+00	387.9	5.63+04	389.4	2.77+05
660405	79726	3A	.06817	.08784	2.38+00	362.7	5.99+04	358.7	2.66+05
660405	82286	3A	.06418	.06447	3.85+00	376.6	7.32+04	387.4	3.21+05
660405	84590	3A	.07695	.07532	3.78+00	395.1	4.99+04	400.8	3.00+05
660405	84846	3A	.05531	.05588	4.13+00	362.9	6.94+04	394.2	2.36+05
660406	1006	3A	.05756	.05591	4.41+00	378.6	8.27+04	381.6	2.64+05
660406	14061	3A	.03877	.04097	6.17+00	375.2	5.44+04	365.7	2.80+05
660406	14317	3A	.02614	.02844	1.11+01	372.7	7.20+04	381.6	3.13+05
660406	18413	3A	.03313	.03138	4.53+00	374.6	8.26+04	379.9	3.30+05
660406	20461	3A	.05400	.05565	5.09+00	411.8	7.90+04	408.2	2.84+05

DATE	TIME	BD	APRI	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660403	49977	3B	.05865	.05902	4.21+00	371.4	5.25+04	370.6	1.92+05
660403	50233	3B	.04878	.04800	4.52+00	370.9	5.11+04	373.7	2.15+05
660403	51001	3B	.06640	.06469	4.87+00	372.9	5.32+04	375.4	2.44+05
660403	52281	3B	.05097	.05127	4.55+00	370.7	5.70+04	378.7	1.76+05
660403	52537	3B	.05945	.05763	4.59+00	371.2	5.22+04	372.3	2.24+05
660403	52793	3B	.04934	.04779	5.04+00	370.7	4.68+04	373.0	2.55+05
660403	53049	3B	.05539	.05268	5.03+00	366.2	5.73+04	367.5	2.41+05
660403	53305	3B	.05694	.05663	4.97+00	366.0	5.40+04	370.7	2.80+05
660403	54841	3B	.05693	.05574	5.49+00	369.0	4.73+04	372.1	2.07+05
660403	55097	3B	.05707	.05701	4.48+00	371.6	4.50+04	372.4	1.83+05
660403	55353	3B	.05275	.05258	4.71+00	366.0	4.54+04	369.6	2.03+05
660403	55609	3B	.04975	.05040	5.19+00	364.1	5.07+04	369.4	1.77+05
660403	57145	3B	.05850	.05875	4.61+00	360.7	5.90+04	369.2	2.02+05
660403	57657	3B	.04975	.04931	4.45+00	368.9	4.81+04	367.5	1.76+05
660403	58169	3B	.07135	.07334	2.89+00	391.0	3.39+04	364.7	3.01+05
660403	59705	3B	.05701	.05734	5.37+00	377.3	7.06+04	379.9	1.62+05
660403	59961	3B	.05221	.05169	5.01+00	370.8	4.30+04	364.8	1.69+05
660403	60217	3B	.04830	.04734	4.62+00	372.0	4.36+04	373.9	2.19+05
660403	62009	3B	.04305	.04277	4.95+00	373.3	4.33+04	367.7	2.29+05
660403	62265	3B	.04905	.04913	5.10+00	379.1	4.42+04	377.0	1.75+05
660403	62521	3B	.04403	.04184	5.85+00	368.6	4.82+04	372.2	2.85+05
660403	62777	3B	.04264	.04209	4.57+00	376.6	4.16+04	369.5	1.87+05
660403	64825	3B	.05081	.05050	4.75+00	365.0	3.02+04	372.0	3.25+05
660403	65337	3B	.02886	.02985	6.02+00	357.9	6.83+04	369.0	1.97+05
660403	65561	3B	.05888	.05915	6.09+00	353.8	4.99+04	357.3	2.34+05
660403	65817	3B	.05990	.05894	5.81+00	349.3	6.63+04	352.5	2.07+05
660404	185	3B	.04722	.04759	5.57+00	343.3	7.38+04	359.5	1.83+05
660404	1465	3B	.06294	.06245	6.44+00	361.3	4.51+04	361.2	1.64+05
660404	1721	3B	.07160	.07002	6.09+00	359.7	4.26+04	360.0	1.83+05
660404	1977	3B	.06811	.06587	6.13+00	358.9	4.56+04	358.6	1.90+05
660404	2233	3B	.06234	.06383	5.10+00	363.3	4.19+04	359.4	1.85+05
660404	4793	3B	.07320	.07027	6.40+00	360.2	4.30+04	360.3	2.20+05
660404	62191	3A	.03175	.03181	7.47+00	358.7	2.88+04	364.8	1.18+05
660404	63983	3A	.03244	.03248	7.74+00	358.1	3.36+04	359.8	1.55+05
660404	64239	3A	.03046	.03028	7.91+00	353.0	3.54+04	354.7	1.48+05
660404	64495	3A	.02127	.02113	7.54+00	357.8	2.98+04	360.9	1.69+05
660404	64751	3A	.03340	.03331	7.36+00	359.9	3.02+04	362.3	1.65+05
660404	66287	3A	.03349	.03337	6.05+00	352.7	3.21+04	354.8	1.65+05
660404	66543	3A	.02915	.02914	6.02+00	354.8	2.94+04	358.9	1.63+05
660404	66799	3A	.02716	.02718	6.82+00	352.3	3.01+04	357.2	1.38+05
660404	67055	3A	.02859	.02888	6.87+00	347.5	2.99+04	348.1	1.67+05
660404	73967	3A	.03365	.03340	6.80+00	351.1	5.69+04	346.5	1.53+05
660404	74223	3A	.03671	.03670	5.93+00	347.6	4.84+04	346.4	1.97+05
660404	74479	3A	.03575	.03551	5.55+00	349.9	4.55+04	349.4	2.19+05
660404	74735	3A	.03612	.03626	5.58+00	348.1	4.88+04	347.0	1.38+05
660404	75503	3A	.03939	.04082	5.65+00	349.3	5.37+04	349.9	2.09+05
660404	77039	3A	.04816	.04808	6.29+00	351.9	5.33+04	351.9	2.21+05
660404	77295	3A	.04945	.04922	5.98+00	349.7	4.96+04	350.7	2.09+05
660404	77807	3A	.04492	.04460	5.94+00	350.7	5.39+04	353.6	2.19+05
660404	79343	3A	.04714	.04724	6.41+00	348.1	6.71+04	349.1	2.33+05
660404	79854	3A	.03082	.03732	6.81+00	332.0	7.18+04	341.5	2.34+05
660404	80111	3A	.04577	.04528	7.67+00	341.2	5.91+04	345.3	2.56+05
660404	81647	3A	.03348	.03464	6.73+00	341.0	6.97+04	355.7	2.51+05
660404	85742	3A	.05020	.06614	7.14+00	345.6	6.54+04	351.6	2.66+05
660405	110	3A	.04855	.05484	6.74+00	345.4	8.35+04	351.0	2.36+05
660405	1648	3A	.04684	.04792	6.96+00	348.1	8.74+04	353.9	2.45+05
660405	1902	3A	.04797	.04694	6.94+00	346.9	7.53+04	355.0	2.46+05
660405	2158	3A	.05245	.04888	6.83+00	352.2	6.80+04	352.6	2.47+05
660405	2414	3A	.05710	.05580	5.87+00	352.2	6.06+04	356.0	2.54+05
660405	27246	3A	.05524	.06060	5.05+00	363.9	1.18+05	375.4	3.05+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660402	56505	3B	.04161	.04228	3.86+00	402.9	7.75+04	402.0	3.50+05
660402	56761	3B	.04156	.04125	3.96+00	402.0	7.91+04	395.0	2.84+05
660402	57273	3B	.03686	.03693	4.16+00	402.2	7.98+04	405.8	3.21+05
660402	57529	3B	.04571	.04468	4.08+00	399.7	7.66+04	393.2	3.10+05
660402	59321	3B	.04505	.04477	4.23+00	392.2	7.27+04	396.3	2.88+05
660402	59577	3B	.05803	.05766	4.29+00	395.7	7.76+04	395.0	3.06+05
660402	59833	3B	.05656	.05567	3.90+00	401.5	7.33+04	398.0	3.34+05
660402	61625	3B	.04175	.04379	6.29+00	380.9	7.88+04	382.2	2.90+05
660402	61681	3B	.06246	.06308	3.56+00	391.1	6.29+04	392.3	2.89+05
660402	62137	3B	.03233	.03201	3.74+00	386.3	6.89+04	380.7	2.24+05
660402	62393	3B	.05200	.05155	4.84+00	386.0	7.60+04	393.2	3.20+05
660402	63993	3B	.04963	.04766	4.78+00	378.7	8.17+04	383.3	3.20+05
660402	64185	3B	.05170	.05202	3.78+00	369.4	8.15+04	395.0	3.37+05
660402	64441	3B	.04519	.04031	3.68+00	390.6	8.79+04	396.8	3.71+05
660402	64697	3B	.05280	.05002	3.62+00	391.1	8.56+04	401.8	3.38+05
660402	66489	3B	.04977	.05162	4.02+00	390.8	8.39+04	399.1	3.11+05
660402	66745	3B	.05524	.05733	3.96+00	392.0	9.01+04	396.0	2.49+05
660402	67001	3B	.04508	.04703	3.93+00	393.8	9.10+04	405.1	3.02+05
660402	68793	3B	.06778	.06829	2.03+00	384.3	5.00+04	392.9	2.37+05
660402	69049	3B	.05594	.05641	3.63+00	375.6	8.92+04	375.7	2.41+05
660402	71097	3B	.03947	.03939	2.40+00	384.9	9.54+04	391.7	2.36+05
660402	71353	3B	.03696	.03638	3.16+00	376.2	9.30+04	392.9	3.79+05
660402	71609	3B	.04855	.05205	3.67+00	377.7	8.63+04	385.2	3.07+05
660402	71865	3B	.04570	.04537	4.03+00	381.4	6.99+04	388.1	2.88+05
660403	2617	3B	.04442	.04891	4.51+00	365.4	9.00+04	371.6	2.48+05
660403	2873	3B	.02902	.03417	6.03+00	353.0	8.63+04	364.9	2.71+05
660403	3385	3B	.03301	.03557	4.04+00	362.6	8.41+04	378.0	4.24+05
660403	8249	3B	.03406	.03375	4.08+00	381.3	8.23+04	380.5	2.17+05
660403	8761	3B	.03697	.03694	3.79+00	390.8	7.89+04	387.2	2.37+05
660403	23865	3B	.02614	.02584	4.01+00	387.8	6.51+04	378.2	1.87+05
660403	24121	3B	.03055	.03078	3.88+00	390.9	6.28+04	385.5	2.12+05
660403	26169	3B	.04364	.04375	4.18+00	380.2	6.46+04	389.9	1.74+05
660403	26425	3B	.04277	.04221	4.33+00	387.7	7.19+04	389.3	2.46+05
660403	26681	3B	.05666	.05669	4.60+00	391.2	6.42+04	393.7	2.19+05
660403	26937	3B	.04309	.04315	4.48+00	390.4	8.70+04	395.4	2.70+05
660403	28473	3B	.05401	.05278	3.84+00	389.4	6.13+04	382.5	1.96+05
660403	28729	3B	.05652	.05660	5.78+00	385.0	7.53+04	379.2	2.49+05
660403	30777	3B	.06877	.06903	4.45+00	390.7	5.03+04	389.9	2.02+05
660403	31033	3B	.06272	.06374	4.80+00	388.5	5.27+04	387.9	1.83+05
660403	35641	3B	.05988	.06031	4.94+00	382.4	6.40+04	380.5	1.98+05
660403	35897	3B	.05326	.05324	5.11+00	381.7	5.46+04	381.2	2.27+05
660403	36409	3B	.07713	.07710	4.57+00	382.9	5.71+04	382.3	1.63+05
660403	37945	3B	.06358	.06471	5.25+00	384.0	6.08+04	381.5	2.17+05
660403	38201	3B	.05419	.05533	5.11+00	370.6	7.13+04	380.3	2.15+05
660403	38457	3B	.10541	.10600	3.50+00	381.4	5.79+04	380.7	2.67+05
660403	38713	3B	.08089	.08186	3.23+00	371.8	5.51+04	368.3	1.76+05
660403	38969	3B	.08804	.08862	3.82+00	389.7	5.80+04	374.8	2.69+05
660403	40249	3B	.07039	.07052	5.58+00	376.9	6.72+04	376.3	2.19+05
660403	40505	3B	.09602	.09720	3.38+00	371.7	8.67+04	373.9	2.20+05
660403	40761	3B	.04297	.04303	7.74+00	367.2	7.78+04	378.8	2.48+05
660403	41017	3B	.05024	.05045	6.59+00	355.7	7.87+04	371.1	1.58+05
660403	41273	3B	.05871	.06003	5.13+00	370.6	7.41+04	376.0	2.00+05
660403	42809	3B	.05371	.05289	5.82+00	377.9	7.68+04	372.2	1.87+05
660403	43065	3B	.12279	.12274	2.65+00	375.3	7.32+04	380.2	2.39+05
660403	43321	3B	.06953	.07057	4.79+00	378.3	6.09+04	379.2	2.04+05
660403	43577	3B	.06374	.06262	4.53+00	376.2	6.80+04	376.8	2.50+05
660403	43833	3B	.06081	.05872	5.97+00	375.1	5.80+04	373.9	2.71+05
660403	45113	3B	.05720	.05811	4.77+00	374.1	6.39+04	375.7	2.11+05
660403	45369	3B	.07591	.07380	4.99+00	376.0	6.26+04	377.3	2.57+05
660403	49721	3B	.05340	.05237	4.46+00	371.3	5.33+04	373.9	2.12+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660401	79672	3B	.02232	.02245	1.06+01	416.3	1.94+05	453.5	5.47+05
660401	79928	3B	.02544	.02728	1.04+01	407.6	1.93+05	439.3	5.05+05
660401	80184	3B	.02431	.02553	1.08+01	414.6	2.01+05	453.9	5.24+05
660402	6840	3B	.04722	.04941	7.82+00	442.7	1.43+05	451.5	5.15+05
660402	8144	3B	.04263	.04184	9.48+00	423.5	1.22+05	424.4	4.00+05
660402	8656	3B	.04344	.04470	8.81+00	424.4	1.32+05	434.4	5.32+05
660402	8912	3B	.03331	.03549	1.08+01	424.6	1.61+05	440.8	5.28+05
660402	10168	3B	.03764	.03780	8.40+00	422.5	1.20+05	432.3	5.30+05
660402	15032	3B	.04968	.05073	5.50+00	432.2	1.49+05	441.3	4.84+05
660402	15286	3B	.02645	.06308	5.99+00	436.7	2.23+05	455.0	5.13+05
660402	15544	3B	.03461	.03770	5.77+00	436.6	2.31+05	460.2	5.28+05
660402	17592	3B	.04462	.10796	5.93+00	439.5	2.41+05	469.0	7.17+05
660402	17846	3B	.03945	.04376	5.97+00	434.2	2.27+05	466.9	5.44+05
660402	18105	3B	.03686	.04047	5.78+00	441.5	2.18+05	458.7	4.64+05
660402	18360	3B	.03236	.07491	5.49+00	429.8	2.38+05	454.3	5.48+05
660402	18616	3B	.04672	.05378	4.84+00	439.6	1.95+05	447.8	5.00+05
660402	19897	3B	.03581	.03818	6.09+00	443.7	1.70+05	470.8	6.45+05
660402	20153	3B	.03197	.03586	6.31+00	441.7	1.51+05	456.5	5.64+05
660402	20408	3B	.03699	.03287	5.67+00	439.7	1.53+05	453.8	6.21+05
660402	20665	3B	.03436	.03752	6.73+00	431.5	1.84+05	450.0	5.44+05
660402	20920	3B	.03119	.03231	6.61+00	428.9	1.98+05	458.0	5.63+05
660402	22457	3B	.04200	.04433	6.12+00	440.6	1.66+05	450.2	5.53+05
660402	22713	3B	.03840	.04433	5.77+00	442.9	1.61+05	460.2	5.31+05
660402	22969	3B	.04544	.04246	5.01+00	444.6	1.64+05	454.1	5.71+05
660402	23225	3B	.03349	.03796	4.84+00	449.7	1.82+05	471.8	5.45+05
660402	24761	3B	.03236	.03631	5.62+00	431.6	1.77+05	465.2	6.55+05
660402	25017	3B	.04635	.04855	4.26+00	434.3	1.68+05	440.0	7.59+05
660402	25273	3B	.04150	.04400	5.22+00	423.2	1.24+05	433.7	6.25+05
660402	25529	3B	.03024	.07219	4.81+00	432.7	1.62+05	460.7	9.58+05
660402	25785	3B	.02517	.02634	4.99+00	433.6	1.21+05	449.7	4.97+05
660402	27065	3B	.03565	.03335	5.06+00	434.6	1.52+05	449.4	5.01+05
660402	27321	3B	.04632	.04752	4.58+00	437.9	1.27+05	448.5	5.10+05
660402	27577	3B	.04148	.04531	4.29+00	435.0	1.60+05	450.6	5.52+05
660402	27633	3B	.04432	.04541	4.40+00	438.5	1.54+05	447.9	4.72+05
660402	28089	3B	.04857	.04982	4.44+00	432.6	1.53+05	447.5	6.11+05
660402	28345	3B	.05146	.05037	4.24+00	434.7	1.48+05	439.7	4.39+05
660402	28601	3B	.03508	.03563	5.22+00	418.2	2.18+05	438.9	4.95+05
660402	32953	3B	.02793	.02903	3.74+00	418.8	1.07+05	432.5	3.56+05
660402	33209	3B	.03305	.03345	3.88+00	417.3	1.21+05	432.5	4.59+05
660402	33465	3B	.03179	.03269	3.65+00	415.9	1.15+05	432.9	3.80+05
660402	35001	3B	.04087	.03955	3.48+00	414.5	1.28+05	432.2	4.84+05
660402	35257	3B	.03881	.04036	3.64+00	416.8	1.31+05	438.3	5.35+05
660402	35513	3B	.02675	.02923	3.80+00	414.0	1.37+05	441.0	4.88+05
660402	35769	3B	.02803	.03064	3.80+00	413.4	1.33+05	440.2	4.31+05
660402	36025	3B	.03655	.03726	3.34+00	410.2	1.38+05	436.6	4.75+05
660402	37305	3B	.02077	.01720	3.68+00	419.3	8.73+04	426.4	5.19+05
660402	37561	3B	.02697	.02735	3.55+00	421.1	1.02+05	427.6	4.28+05
660402	37817	3B	.01905	.01594	3.79+00	416.2	1.02+05	427.7	5.25+05
660402	38073	3B	.02946	.02962	4.21+00	412.9	9.10+04	414.1	4.06+05
660402	38329	3B	.03826	.04002	3.47+00	417.2	8.58+04	423.8	4.65+05
660402	39865	3B	.03420	.03281	3.92+00	413.0	1.06+05	420.4	3.84+05
660402	51641	3B	.03942	.04038	3.89+00	413.9	9.21+04	415.0	4.13+05
660402	51697	3B	.04016	.03978	3.65+00	410.8	7.82+04	413.8	3.86+05
660402	52153	3B	.04305	.03803	3.82+00	412.8	8.02+04	413.8	4.31+05
660402	52665	3B	.04316	.04248	3.54+00	414.6	8.48+04	412.7	3.80+05
660402	54201	3B	.03205	.03122	3.62+00	411.2	8.65+04	400.8	4.38+05
660402	54457	3B	.04068	.03995	3.72+00	411.2	7.36+04	400.4	3.91+05
660402	54713	3B	.03674	.03642	3.35+00	412.5	8.40+04	406.9	4.15+05
660402	54969	3B	.03311	.03253	3.93+00	405.8	7.91+04	399.9	3.40+05
660402	55225	3B	.04144	.04128	3.80+00	407.4	8.42+04	402.9	3.66+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660329	60344	3B	.04050	.04004	4.83+00	438.2	8.27+04	448.5	3.76+05
660329	60600	3B	.05109	.05189	4.50+00	437.0	7.57+04	449.7	4.54+05
660329	60656	3B	.04903	.04737	4.67+00	436.8	7.34+04	441.2	4.46+05
660329	61112	3B	.05234	.05239	4.52+00	434.5	6.95+04	444.9	4.20+05
660329	72376	3B	.05284	.04959	3.30+00	420.4	9.56+04	429.2	5.05+05
660329	72632	3B	.06318	.06299	3.78+00	431.4	8.52+04	437.5	3.77+05
660329	72888	3B	.05233	.05385	3.91+00	428.7	1.07+05	437.6	3.22+05
660329	74680	3B	.05485	.05429	3.21+00	432.8	7.64+04	447.3	5.37+05
660329	74936	3B	.05247	.05461	3.56+00	434.0	1.57+05	455.9	5.36+05
660329	75192	3B	.06199	.06231	3.30+00	439.8	7.87+04	441.2	5.30+05
660329	75448	3B	.04648	.04862	3.72+00	443.4	1.44+05	447.5	3.96+05
660329	85432	3B	.05239	.05231	3.74+00	462.0	9.07+04	478.7	4.52+05
660329	85688	3B	.05141	.05244	3.84+00	477.7	1.04+05	478.5	4.15+05
660331	5107	3A	.04030	.03942	5.11+00	384.4	3.27+04	388.5	1.57+05
660331	5363	3A	.04215	.04208	4.50+00	382.2	3.27+04	382.8	2.10+05
660331	5875	3A	.04054	.04081	4.86+00	363.0	3.13+04	382.3	1.65+05
660331	6179	3A	.06657	.06627	5.02+00	370.9	3.87+04	373.6	1.60+05
660331	21747	3A	.05960	.05952	4.98+00	375.2	3.21+04	377.3	1.17+05
660331	22003	3A	.05805	.05689	4.56+00	375.2	3.11+04	375.4	1.49+05
660331	24563	3A	.05333	.05292	4.93+00	369.3	2.50+04	370.0	1.13+05
660331	57842	3A	.06740	.06757	3.36+00	332.3	2.71+04	339.4	8.81+04
660331	59890	3A	.13027	.13059	1.84+00	328.7	3.50+04	325.1	6.53+04
660331	62962	3A	.04045	.04057	5.10+00	324.1	3.70+04	331.4	6.10+04
660331	70898	3A	.03608	.03610	2.91+00	325.0	2.17+04	322.3	1.06+05
660331	71154	3A	.02130	.02146	3.10+00	323.7	2.41+04	318.3	1.64+05
660331	71410	3A	.02570	.02566	3.26+00	318.9	2.45+04	316.2	6.50+04
660331	71922	3A	.02333	.02209	5.43+00	323.9	3.31+04	321.9	8.10+04
660331	72178	3A	.08348	.08360	3.11+00	325.5	2.56+04	326.5	7.88+04
660401	39793	3A	.03422	.03431	1.05+01	331.4	2.51+04	332.5	8.31+04
660401	40581	3A	.03474	.03474	1.09+01	331.0	2.81+04	333.9	8.91+04
660401	40817	3A	.01547	.01540	6.94+00	332.6	3.07+04	334.7	9.14+04
660401	42097	3A	.01947	.01940	7.78+00	322.2	3.46+04	335.6	9.46+04
660401	42800	3A	.01903	.01895	8.04+00	335.2	3.11+04	337.5	1.01+05
660401	42865	3A	.02190	.02179	8.25+00	334.8	3.32+04	336.5	8.99+04
660401	44657	3A	.02706	.02618	8.71+00	335.8	3.46+04	333.9	1.35+05
660401	44913	3A	.02801	.02798	8.53+00	336.5	3.06+04	336.3	1.08+05
660401	45169	3A	.01528	.01407	1.51+01	367.5	5.86+04	355.6	1.80+05
660401	45425	3A	.01881	.01813	2.13+01	370.1	5.34+04	366.4	2.05+05
660401	46981	3A	.01441	.01430	1.21+01	378.6	5.49+04	381.3	1.90+05
660401	47217	3A	.01266	.01181	1.42+01	375.2	6.30+04	375.7	2.13+05
660401	47473	3A	.01650	.01844	1.10+01	362.4	6.18+04	381.8	1.35+05
660401	47729	3A	.01672	.01644	1.22+01	362.2	5.57+04	382.3	1.86+05
660401	47985	3A	.02228	.02201	1.22+01	361.9	5.24+04	383.7	1.48+05
660401	49265	3A	.01737	.01728	1.12+01	380.2	5.38+04	383.3	1.63+05
660401	49521	3A	.02112	.02104	1.14+01	381.1	5.69+04	384.5	1.79+05
660401	50033	3A	.02078	.02116	1.13+01	381.9	7.87+04	385.9	2.75+05
660401	50289	3A	.01557	.01598	1.46+01	380.2	8.10+04	380.0	2.17+05
660401	52081	3A	.01886	.02065	1.70+01	384.8	9.79+04	390.3	2.99+05
660401	52337	3A	.02050	.02006	1.67+01	389.8	1.04+05	397.8	3.40+05
660401	54129	3A	.02620	.02584	1.83+01	387.4	9.95+04	383.4	3.35+05
660401	54641	3A	.01847	.01848	1.89+01	381.8	1.00+05	384.3	2.83+05
660401	54897	3A	.02677	.02638	1.83+01	380.1	1.02+05	387.0	3.39+05
660401	58481	3A	.02093	.02080	1.76+01	377.9	9.12+04	380.6	2.65+05
660401	58737	3A	.02229	.02404	1.73+01	375.4	9.03+04	377.7	2.86+05
660401	59505	3A	.02333	.02333	1.60+01	378.2	1.10+05	381.8	2.93+05
660401	59761	3A	.02346	.02384	1.63+01	378.6	1.09+05	386.1	3.02+05
660401	60017	3A	.02398	.02458	1.74+01	379.6	9.79+04	385.1	2.51+05
660401	67441	3A	.01446	.01453	1.68+01	380.5	5.91+04	385.2	1.80+05
660401	67697	3A	.01565	.01504	1.40+01	382.3	6.96+04	381.3	2.06+05
660401	75247	3A	.03810	.03917	6.01+00	348.8	5.65+04	347.7	2.22+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660329	1207	3B	.04640	.04622	2.51+00	462.5	9.24+04	490.4	5.15+05
660329	1463	3B	.04969	.05092	2.55+00	462.9	1.02+05	498.2	4.67+05
660329	1719	3B	.04210	.04215	3.05+00	461.1	8.42+04	495.2	6.20+05
660329	1975	3B	.04878	.04874	2.66+00	467.8	7.72+04	499.0	4.49+05
660329	2231	3B	.05228	.05018	2.73+00	460.4	7.48+04	499.0	6.21+05
660329	2487	3B	.05096	.05158	2.68+00	461.7	8.13+04	495.5	5.02+05
660329	2743	3B	.06119	.05673	2.66+00	467.0	8.07+04	493.9	7.39+05
660329	15031	3B	.05931	.06018	2.24+00	453.5	9.76+04	476.0	4.74+05
660329	15287	3B	.06242	.06584	1.97+00	462.9	1.01+05	484.1	4.83+05
660329	23735	3B	.05318	.05264	2.59+00	472.6	7.74+04	486.0	5.89+05
660329	23991	3B	.04834	.04895	2.32+00	459.7	8.69+04	486.1	4.86+05
660329	24247	3B	.05255	.05279	2.37+00	463.4	8.46+04	484.9	8.25+05
660329	24503	3B	.04985	.04932	2.08+00	469.3	5.92+04	474.6	6.55+05
660329	26039	3B	.05194	.05514	2.27+00	465.5	9.61+04	491.6	5.49+05
660329	26295	3B	.04109	.04144	2.92+00	463.6	1.08+05	486.1	6.81+05
660329	26551	3B	.04178	.04127	2.54+00	461.4	1.02+05	490.1	5.54+05
660329	26807	3B	.05326	.05375	2.32+00	463.1	1.06+05	484.3	6.06+05
660329	28855	3B	.04456	.04661	2.93+00	433.9	1.10+05	457.0	3.81+05
660329	30903	3B	.05174	.05517	1.86+00	426.0	8.86+04	453.6	4.27+05
660329	34231	3B	.02947	.02813	2.65+00	415.1	6.39+04	448.7	6.42+05
660329	40375	3B	.03739	.03728	2.76+00	434.8	9.43+04	451.0	6.50+05
660329	40631	3B	.03767	.03647	2.62+00	434.2	1.05+05	451.8	4.82+05
660329	40887	3B	.03702	.03820	2.83+00	440.0	9.66+04	458.8	8.49+05
660329	41143	3B	.03744	.03752	3.06+00	438.9	9.96+04	454.0	5.98+05
660329	41399	3B	.04633	.04722	2.90+00	439.7	1.07+05	457.9	5.32+05
660329	41655	3B	.03694	.03989	3.00+00	441.6	9.23+04	453.2	3.80+05
660329	41911	3B	.04571	.04712	3.44+00	445.0	1.22+05	469.6	6.28+05
660329	43448	3B	.04047	.04207	3.21+00	448.7	1.05+05	470.1	4.78+05
660329	43703	3B	.04956	.04919	3.21+00	446.6	1.04+05	464.4	6.32+05
660329	43859	3B	.04456	.04575	3.33+00	442.1	9.27+04	465.3	7.02+05
660329	44215	3B	.03468	.03471	3.73+00	451.5	9.65+04	469.8	4.18+05
660329	45751	3B	.03800	.03782	3.94+00	456.9	8.12+04	458.1	5.11+05
660329	46008	3B	.03554	.03639	3.49+00	473.2	7.72+04	469.4	4.33+05
660329	46263	3B	.03666	.03702	3.62+00	472.2	6.70+04	470.5	4.89+05
660329	46519	3B	.04159	.04165	3.21+00	442.1	6.70+04	456.0	3.78+05
660329	46775	3B	.04361	.04364	3.41+00	442.3	6.76+04	456.1	4.62+05
660329	48055	3B	.04112	.04070	3.18+00	426.2	6.31+04	439.1	3.69+05
660329	48312	3B	.04163	.04159	3.36+00	427.7	7.00+04	449.9	4.21+05
660329	48568	3B	.03530	.03528	3.79+00	429.3	6.97+04	441.7	4.51+05
660329	48824	3B	.03359	.03389	3.35+00	434.7	7.00+04	443.5	4.38+05
660329	49080	3B	.04112	.03868	3.21+00	436.4	6.73+04	445.7	5.66+05
660329	50616	3B	.04836	.04853	4.12+00	431.8	7.89+04	438.0	3.58+05
660329	50872	3B	.05226	.05170	3.68+00	429.1	7.41+04	438.9	4.19+05
660329	51128	3B	.04670	.04638	2.93+00	455.0	6.43+04	458.1	4.21+05
660329	51384	3B	.05157	.05131	3.21+00	463.3	7.13+04	460.8	4.41+05
660329	52920	3B	.04703	.04595	2.93+00	464.0	5.99+04	464.2	5.05+05
660329	53176	3B	.04612	.04416	2.80+00	461.4	5.82+04	455.3	4.81+05
660329	53432	3B	.04363	.04438	2.99+00	466.0	6.18+04	456.6	4.79+05
660329	52888	3B	.04585	.04614	2.92+00	456.6	5.85+04	455.6	4.45+05
660329	53944	3B	.05842	.05697	2.93+00	455.7	5.21+04	452.6	3.85+05
660329	55480	3B	.05883	.05894	3.40+00	447.0	6.27+04	448.7	4.32+05
660329	55736	3B	.05752	.05722	3.55+00	445.3	5.63+04	443.4	3.76+05
660329	55992	3B	.06199	.06223	4.05+00	447.3	5.61+04	447.1	3.81+05
660329	56248	3B	.06386	.06402	3.87+00	449.2	5.80+04	448.3	3.22+05
660329	57784	3B	.06609	.06608	4.04+00	437.3	6.30+04	439.7	3.57+05
660329	58040	3B	.05435	.05422	4.24+00	434.7	6.21+04	441.7	3.81+05
660329	58296	3B	.05577	.05620	3.97+00	448.9	6.56+04	452.2	3.85+05
660329	58552	3B	.06209	.06117	3.76+00	445.4	5.84+04	443.0	3.96+05
660329	58808	3B	.04995	.04991	4.19+00	443.6	5.75+04	444.6	3.17+05
660329	60046	3B	.04548	.04568	4.50+00	433.4	8.03+04	453.2	4.18+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660327	28406	3A	.05969	.05705	2.16+00	561.7	1.06+05	588.4	7.67+05
660327	29174	3A	.05247	.05395	2.14+00	565.8	1.25+05	588.6	6.47+05
660327	31478	3A	.06009	.05999	2.08+00	577.1	1.19+05	586.1	6.31+05
660327	31734	3A	.06081	.06108	2.08+00	566.1	1.03+05	585.5	6.95+05
660327	31990	3A	.04780	.04737	2.07+00	594.5	1.02+05	591.3	6.98+05
660327	38390	3A	.06686	.06678	1.96+00	547.5	9.58+04	573.5	6.70+05
660327	38846	3A	.05739	.05628	2.17+00	552.1	1.13+05	566.6	7.15+05
660327	38902	3A	.05972	.05972	2.00+00	548.0	1.07+05	567.9	6.36+05
660327	39414	3A	.06467	.06522	2.09+00	559.4	1.09+05	569.8	6.76+05
660327	39670	3A	.05941	.06038	2.16+00	558.0	1.16+05	568.9	5.98+05
660327	39928	3A	.07002	.06973	2.11+00	552.3	1.20+05	567.0	5.82+05
660327	40182	3A	.06159	.06225	2.11+00	561.1	1.22+05	567.3	5.73+05
660327	40438	3A	.06979	.06964	2.16+00	546.0	1.14+05	566.1	6.97+05
660327	40694	3A	.07152	.07085	1.71+00	558.0	9.16+04	569.9	6.66+05
660327	42230	3A	.07164	.07194	1.84+00	560.7	9.56+04	558.5	4.19+05
660327	44790	3A	.05475	.05546	2.48+00	514.8	1.26+05	553.8	7.23+05
660327	45046	3A	.06576	.06624	2.10+00	540.4	1.13+05	560.6	5.34+05
660327	45302	3A	.06993	.07123	1.80+00	523.4	8.61+04	545.8	8.25+05
660327	50422	3A	.05776	.05778	2.24+00	534.1	1.08+05	552.8	4.47+05
660327	50678	3A	.05889	.05870	2.22+00	533.3	1.10+05	557.3	6.19+05
660327	50934	3A	.06817	.06434	2.20+00	536.4	1.24+05	542.1	5.98+05
660327	51446	3A	.05973	.06017	2.16+00	536.0	1.18+05	549.3	3.71+05
660327	56054	3A	.07932	.07857	2.46+00	533.6	1.09+05	543.2	4.69+05
660327	56310	3A	.10070	.10094	2.06+00	518.5	1.18+05	544.9	4.67+05
660327	57846	3A	.08025	.08055	2.11+00	513.6	9.91+04	523.7	3.28+05
660327	58102	3A	.05332	.05272	3.51+00	514.5	1.68+05	530.8	5.56+05
660327	60150	3A	.06756	.06585	2.02+00	553.6	9.28+04	534.6	4.64+05
660327	60406	3A	.05949	.05941	2.02+00	530.4	8.75+04	534.8	4.12+05
660327	60662	3A	.07218	.07198	2.10+00	521.7	9.26+04	532.3	4.20+05
660327	60918	3A	.07049	.07050	2.02+00	531.4	9.64+04	528.9	3.94+05
660327	61174	3A	.07359	.07308	2.07+00	514.7	1.18+05	529.3	4.61+05
660327	62454	3A	.07946	.07960	1.80+00	529.0	8.08+04	529.3	4.67+05
660327	63478	3A	.05534	.05411	2.15+00	531.4	8.23+04	525.3	4.32+05
660327	65014	3A	.05722	.05710	2.00+00	524.6	8.57+04	524.9	4.13+05
660327	65270	3A	.06553	.06502	1.80+00	525.6	9.13+04	530.6	4.21+05
660327	65526	3A	.06384	.06376	1.93+00	514.7	9.38+04	525.5	4.78+05
660327	67573	3A	.05393	.05390	2.62+00	523.1	1.42+05	527.4	3.90+05
660327	67829	3A	.06722	.06747	1.96+00	544.8	7.99+04	533.7	4.04+05
660327	68085	3A	.08741	.08793	1.81+00	512.4	8.50+04	521.0	5.04+05
660327	69877	3A	.06968	.06956	1.74+00	513.2	1.11+05	530.5	4.47+05
660327	70133	3A	.07693	.07685	1.91+00	516.9	9.74+04	526.0	4.37+05
660327	70389	3A	.09005	.08938	1.97+00	512.6	9.94+04	524.0	4.52+05
660327	70645	3A	.07728	.06984	4.14+00	553.2	2.25+05	564.1	7.31+05
660327	72181	3A	.06840	.06723	4.16+00	560.9	2.03+05	566.7	8.88+05
660327	72437	3A	.07944	.07861	3.70+00	545.4	2.06+05	553.6	6.49+05
660328	4981	3B	.02593	.02211	6.47+00	505.3	1.36+05	499.7	8.74+05
660328	5237	3B	.02274	.02114	3.63+00	503.4	1.32+05	515.7	5.73+05
660328	7797	3A	.02192	.02294	7.10+00	493.4	2.02+05	519.0	6.89+05
660328	8309	3A	.05729	.05698	3.70+00	462.1	1.53+05	513.5	4.86+05
660328	47927	3B	.16317	.16337	1.43+00	524.6	7.56+04	521.8	2.86+05
660328	48951	3B	.14019	.13997	2.55+00	531.5	7.05+04	535.5	2.80+05
660328	49403	3B	.11879	.11870	3.46+00	523.7	6.93+04	522.6	3.05+05
660328	60471	3B	.06390	.06380	8.64+00	527.1	7.08+04	530.8	1.75+05
660328	60727	3B	.13595	.13582	4.05+00	515.2	7.70+04	528.0	2.44+05
660328	73783	3B	.02766	.02713	4.91+00	507.2	1.28+05	513.0	6.67+05
660328	74039	3B	.02202	.02009	4.11+00	505.2	9.64+04	510.3	8.98+05
660328	74295	3B	.01834	.01673	4.71+00	505.6	9.00+04	501.9	5.91+05
660328	74551	3B	.03061	.03149	3.97+00	505.5	9.49+04	514.8	5.51+05
660328	74807	3B	.03146	.03149	4.12+00	503.1	8.47+04	511.2	5.40+05
660328	75063	3B	.03054	.03021	4.09+00	503.5	8.60+04	513.1	3.68+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
660326	43127	3A	.09179	.09241	1.10+01	562.5	1.06+05	560.0	3.74+05
660326	43383	3A	.10999	.10959	1.03+01	562.0	1.05+05	565.9	3.79+05
660326	43639	3A	.08766	.08715	1.20+01	564.7	1.27+05	564.7	4.19+05
660326	45175	3A	.07879	.07912	1.05+01	552.8	1.20+05	550.8	4.60+05
660326	45431	3A	.09405	.09464	1.02+01	555.0	1.21+05	555.3	5.00+05
660326	45687	3A	.03849	.03820	6.11+00	563.9	1.06+05	556.1	4.20+05
660326	45943	3A	.04742	.04748	3.47+00	564.0	7.10+04	562.9	4.73+05
660326	46199	3A	.05407	.05408	4.00+00	563.9	7.88+04	562.3	4.06+05
660326	47470	3A	.03006	.02627	3.66+00	544.1	1.30+05	534.1	6.57+05
660326	47735	3A	.04606	.04506	6.20+00	515.1	1.55+05	511.4	7.45+05
660326	48247	3A	.04873	.04984	9.36+00	559.5	1.27+05	554.8	4.30+05
660326	48503	3A	.04757	.04739	1.04+01	566.9	1.51+05	565.5	5.24+05
660326	50039	3A	.05941	.05958	8.29+00	543.7	1.23+05	541.3	4.51+05
660326	50295	3A	.05919	.05915	8.67+00	541.0	1.20+05	542.6	4.27+05
660326	50807	3A	.05835	.05896	6.49+00	556.8	2.06+05	554.2	6.48+05
660326	51063	3A	.05384	.05160	6.94+00	549.9	1.90+05	540.5	6.22+05
660326	51319	3A	.04233	.04915	7.04+00	521.2	2.20+05	531.2	6.13+05
660326	55670	3A	.09554	.09677	2.64+00	530.6	1.87+05	530.7	4.09+05
660326	55926	3A	.05657	.05676	5.55+00	530.2	1.18+05	535.8	4.28+05
660326	57718	3A	.06119	.05589	4.72+00	528.9	8.20+04	521.1	6.33+05
660326	57974	3A	.06567	.06498	6.06+00	528.9	9.92+04	521.3	3.81+05
660326	58230	3A	.07003	.06916	5.66+00	530.1	9.65+04	525.6	4.38+05
660326	58486	3A	.07957	.07706	5.36+00	530.3	9.27+04	528.5	4.22+05
660326	58742	3A	.06276	.06192	3.08+00	530.7	7.75+04	521.5	4.69+05
660326	60534	3A	.08539	.08473	3.16+00	521.1	5.84+04	519.3	4.19+05
660326	60790	3A	.08279	.08162	2.75+00	520.4	6.27+04	516.8	3.89+05
660326	61046	3A	.08722	.08643	3.32+00	516.3	7.06+04	511.4	4.01+05
660326	62838	3A	.11216	.11237	3.83+00	518.9	1.04+05	511.6	5.15+05
660326	63094	3A	.08357	.08322	5.31+00	512.8	1.35+05	505.4	5.96+05
660326	63350	3A	.05230	.04938	4.03+00	498.9	1.33+05	497.6	6.36+05
660326	63608	3A	.08667	.08371	3.16+00	534.9	8.02+04	523.0	4.57+05
660326	65142	3A	.02908	.05647	5.09+00	530.7	2.59+05	525.5	3.91+05
660326	65398	3A	.04827	.04339	5.06+00	526.9	2.17+05	516.9	8.44+05
660326	67446	3A	.02720	.05867	5.14+00	504.9	4.74+05	537.2	7.34+05
660326	67702	3A	.04553	.10354	3.98+00	497.2	3.84+05	519.5	7.10+05
660326	67958	3A	.05236	.05898	3.77+00	495.3	3.64+05	512.2	7.45+05
660326	68214	3A	.04369	.04656	3.98+00	495.1	3.91+05	522.7	6.86+05
660326	72822	3A	.04729	.05012	4.38+00	520.0	3.80+05	541.8	6.86+05
660326	73078	3A	.03100	.02308	4.48+00	519.1	3.61+05	567.2	8.39+05
660327	2294	3A	.04100	.03709	5.69+00	578.0	2.35+05	604.3	1.23+06
660327	2550	3A	.04651	.04659	5.23+00	572.5	2.64+05	602.4	1.27+06
660327	2806	3A	.03604	.03352	6.16+00	569.5	2.80+05	620.6	1.07+06
660327	5110	3A	.04055	.04410	2.90+00	589.0	2.19+05	620.9	1.17+06
660327	5386	3A	.04387	.04502	2.70+00	602.6	1.95+05	638.0	1.06+06
660327	5622	3A	.05714	.05140	1.89+00	612.6	1.51+05	627.1	1.17+06
660327	9718	3A	.05004	.05071	2.02+00	621.8	1.55+05	643.2	9.15+05
660327	9974	3A	.05105	.05103	2.81+00	649.5	1.61+05	639.9	1.04+06
660327	10230	3A	.06185	.06176	1.89+00	620.3	1.55+05	634.0	1.08+06
660327	10486	3A	.04987	.04945	1.83+00	618.9	1.41+05	631.0	9.28+05
660327	10742	3A	.05164	.04966	1.97+00	616.4	1.36+05	628.6	1.12+06
660327	12278	3A	.05049	.05047	2.00+00	614.7	1.50+05	644.7	9.16+05
660327	12534	3A	.04760	.04797	1.89+00	620.1	1.50+05	635.0	7.69+05
660327	12790	3A	.05320	.05357	1.89+00	612.9	1.76+05	640.6	9.65+05
660327	13046	3A	.04082	.04110	2.19+00	609.2	1.70+05	641.0	7.22+05
660327	15094	3A	.17123	.16903	4.76-01	593.5	6.02+04	572.6	8.65+05
660327	15808	3A	.11444	.11557	7.96-01	584.1	1.21+05	599.3	1.14+06
660327	16886	3A	.07362	.06828	1.43+00	635.3	1.43+05	628.7	7.58+05
660327	17142	3A	.06966	.06935	1.61+00	629.1	1.47+05	625.8	7.46+05
660327	17398	3A	.06031	.05891	1.72+00	627.5	1.54+05	633.4	8.33+05
660327	28150	3A	.05419	.05324	2.06+00	545.0	1.05+05	591.2	6.31+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL.	A TEMP
660322	11130	3A	.02129	.01932	2.29+00	501.5	5.26+04	495.1	6.03+05
660322	11386	3A	.01237	.01228	2.16+00	499.9	5.90+04	489.3	4.01+05
660322	13434	3A	.02129	.02116	2.24+00	494.6	5.03+04	490.7	4.34+05
660322	13946	3A	.02706	.02707	1.66+00	492.7	5.57+04	493.9	4.79+05
660322	32378	3A	.05225	.05218	1.72+00	453.1	3.00+04	453.7	2.27+05
660322	33914	3A	.04208	.04196	1.39+00	452.2	2.38+04	454.9	1.76+05
660322	34682	3A	.05502	.05491	1.49+00	454.5	2.64+04	456.6	1.63+05
660322	67962	3A	.03119	.03110	6.59+00	425.4	3.85+04	427.9	1.45+05
660322	68730	3A	.04355	.04350	6.47+00	424.9	3.28+04	430.6	1.28+05
660322	71034	3A	.05090	.05086	7.60+00	431.7	3.30+04	435.0	9.34+04
660322	84602	3A	.04317	.04238	6.53+00	432.0	4.66+04	434.3	2.28+05
660322	84858	3A	.04745	.04674	6.97+00	433.3	4.60+04	434.8	1.87+05
660323	27897	3A	.04207	.04437	4.45+00	418.9	9.32+04	414.7	1.47+05
660323	30201	3A	.01016	.02029	6.68+00	455.5	1.62+05	466.3	4.18+05
660323	30457	3A	.01758	.01915	6.24+00	453.1	1.65+05	454.3	4.08+05
660323	36857	3A	.30835	.31192	5.78+00	436.3	1.00+05	436.6	1.54+05
660323	37113	3A	.20015	.19660	1.09+01	434.2	6.26+04	437.8	1.82+05
660323	37369	3A	.19808	.19420	1.03+01	432.6	6.77+04	433.4	1.68+05
660323	37625	3A	.22290	.22029	6.77+00	435.9	6.96+04	437.3	1.03+05
660323	39161	3A	.11626	.11619	6.22+00	432.4	6.83+04	439.7	2.28+05
660323	41721	3A	.07929	.08388	9.05+00	548.8	2.70+05	548.4	6.13+05
660323	42233	3A	.01328	.04499	9.87+00	563.7	5.36+05	627.6	7.32+05
660325	6838	3B	.01818	.01571	4.47+00	517.0	1.00+05	511.8	8.58+05
660325	7350	3B	.01785	.01881	5.05+00	528.0	1.12+05	531.6	4.65+05
660325	9054	3B	.02663	.02858	3.93+00	515.5	9.99+04	522.7	5.71+05
660325	9910	3B	.05427	.05246	4.41+00	509.6	1.12+05	511.4	4.65+05
660325	10166	3B	.05577	.05574	4.25+00	503.7	1.09+05	506.2	5.06+05
660325	10422	3B	.05702	.05746	4.94+00	501.1	1.01+05	504.0	4.84+05
660325	10678	3B	.04910	.05038	4.26+00	507.1	1.02+05	506.7	5.21+05
660325	11190	3B	.05331	.05051	4.52+00	509.0	9.52+04	513.2	5.66+05
660325	11448	3B	.05385	.05382	4.81+00	520.7	9.58+04	522.0	3.69+05
660325	20662	3B	.07390	.07376	4.51+00	520.4	6.26+04	522.4	2.18+05
660325	20918	3B	.12332	.12342	2.99+00	520.3	5.09+04	518.2	1.68+05
660325	21174	3B	.08999	.08991	2.69+00	519.1	5.33+04	520.9	1.49+05
660325	42422	3B	.10259	.10275	4.12+00	473.9	5.93+04	474.2	2.78+05
660325	42678	3B	.09089	.09972	3.49+00	466.9	5.41+04	466.0	2.49+05
660325	42934	3B	.10468	.10445	3.98+00	473.9	5.57+04	479.7	2.12+05
660326	19063	3A	.07241	.07223	5.44+00	571.9	6.63+04	566.7	2.87+05
660326	23071	3A	.06529	.06486	5.88+00	578.9	1.09+05	570.3	6.75+05
660326	23927	3A	.05256	.05239	6.44+00	557.2	1.23+05	563.9	4.21+05
660326	29047	3A	.10124	.10103	6.74+00	530.9	6.36+04	537.8	3.11+05
660326	29303	3A	.12044	.12036	6.50+00	525.8	5.19+04	528.9	2.77+05
660326	31095	3A	.08492	.08422	6.96+00	544.5	6.72+04	539.1	3.08+05
660326	31351	3A	.09440	.09385	6.84+00	543.7	6.74+04	537.6	3.39+05
660326	31607	3A	.10774	.10766	6.65+00	543.3	7.36+04	542.0	2.97+05
660326	33143	3A	.25954	.26038	2.55+00	534.7	1.18+05	533.2	3.20+05
660326	33399	3A	.14433	.14477	5.96+00	531.1	7.17+04	536.7	3.22+05
660326	33855	3A	.09069	.09045	7.71+00	531.7	7.63+04	529.1	3.48+05
660326	34167	3A	.09114	.09111	9.18+00	524.7	8.58+04	520.9	3.14+05
660326	35703	3A	.07560	.07653	1.03+01	532.1	1.04+05	528.0	4.12+05
660326	35959	3A	.06211	.06255	8.84+00	539.0	9.55+04	537.4	4.33+05
660326	36215	3A	.05479	.05577	7.16+00	543.6	1.11+05	542.6	4.42+05
660326	36471	3A	.05713	.05813	7.03+00	547.2	8.89+04	540.9	5.50+05
660326	38263	3A	.07502	.07421	1.04+01	551.4	1.20+05	551.6	3.95+05
660326	38519	3A	.06604	.06719	1.16+01	543.9	1.40+05	538.3	4.66+05
660326	38775	3A	.06337	.06272	1.39+01	569.3	1.86+05	565.8	6.20+05
660326	40311	3A	.05929	.05968	1.56+01	540.0	1.60+05	537.7	4.47+05
660326	40567	3A	.07766	.07945	1.31+01	558.7	1.25+05	551.2	5.79+05
660326	41079	3A	.08083	.08124	9.17+00	553.8	1.17+05	551.2	4.33+05
660326	42871	3A	.09701	.09696	1.22+01	565.3	1.20+05	566.0	4.26+05



DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660319	10420	3B	.01256	.01246	2.02+01	373.8	6.29+04	374.8	1.45+05
660319	10676	3B	.03476	.03399	1.02+01	368.8	6.63+04	375.7	1.14+05
660319	10932	3B	.01826	.01780	2.00+01	374.9	7.04+04	371.6	1.54+05
660319	12980	3B	.00712	.00964	9.91+00	375.2	1.39+05	410.6	5.47+05
660319	15284	3B	.01206	.06582	1.32+01	424.7	2.36+05	477.7	6.53+05
660319	18100	3B	.01432	.03581	1.74+01	438.9	2.38+05	456.5	5.10+05
660319	18356	3B	.01403	.04126	1.72+01	439.3	2.24+05	462.6	5.42+05
660319	18612	3B	.01704	.04490	1.67+01	437.7	2.29+05	469.3	6.96+05
660319	19892	3B	.02236	.05515	1.46+01	455.9	2.97+05	488.9	7.66+05
660319	20148	3B	.01787	.01782	1.51+01	453.2	2.92+05	495.2	5.40+05
660319	20404	3B	.02444	.05753	1.52+01	455.0	2.98+05	484.2	7.61+05
660319	20660	3B	.02260	.05617	1.39+01	453.7	2.85+05	485.5	5.62+05
660319	20916	3B	.02187	.05646	1.43+01	456.1	3.19+05	481.8	5.72+05
660319	28084	3B	.03424	.03724	8.75+00	504.6	3.53+05	558.7	1.04+06
660319	28340	3B	.02792	.02946	8.83+00	510.7	4.22+05	574.8	9.58+05
660319	28596	3B	.03569	.04149	8.12+00	489.4	3.37+05	547.7	1.08+06
660319	30132	3B	.03062	.03405	7.74+00	502.9	2.48+05	541.5	9.88+05
660319	30369	3B	.02498	.07884	6.51+00	497.2	2.84+05	546.1	8.88+05
660319	30900	3B	.02682	.03375	8.19+00	499.4	2.65+05	544.8	1.08+06
660319	31156	3B	.02551	.06798	7.61+00	501.3	2.97+05	553.0	1.11+06
660319	32436	3B	.01962	.01983	9.29+00	501.9	2.70+05	547.1	7.63+05
660319	32693	3B	.01909	.07772	8.12+00	501.6	2.90+05	566.7	9.42+05
660319	32949	3B	.02124	.08293	7.91+00	503.5	2.97+05	557.0	8.77+05
660319	33460	3B	.01992	.06686	8.51+00	497.2	2.60+05	544.0	1.09+06
660319	43701	3B	.03358	.03525	8.13+00	588.0	3.17+05	622.0	1.22+06
660319	43957	3B	.03471	.04146	7.68+00	588.6	3.64+05	630.9	1.20+06
660319	44469	3B	.03835	.02842	7.63+00	609.3	3.46+05	620.7	1.19+06
660319	46261	3B	.03601	.03507	7.15+00	583.9	3.77+05	620.7	1.10+06
660319	47285	3B	.04325	.04515	7.06+00	586.9	3.96+05	629.1	1.10+06
660319	48821	3B	.03654	.03653	7.45+00	588.8	3.31+05	626.0	1.11+06
660319	49077	3B	.04420	.04897	7.16+00	577.4	3.74+05	625.4	1.27+06
660319	49333	3B	.03530	.03834	7.19+00	590.4	3.51+05	632.7	1.05+06
660319	49589	3B	.04139	.04671	6.23+00	587.4	3.76+05	632.2	1.07+06
660319	51125	3B	.04586	.12460	6.02+00	570.3	3.13+05	618.4	1.61+06
660319	51637	3B	.04802	.04869	6.67+00	580.9	3.92+05	628.6	1.20+06
660319	52149	3B	.04268	.03702	7.06+00	589.2	3.89+05	638.9	1.37+06
660319	53685	3B	.04762	.05114	6.36+00	578.7	3.72+05	622.5	1.11+06
660319	53941	3B	.04100	.04688	6.38+00	588.6	3.67+05	623.4	1.10+06
660319	54197	3B	.02995	.03234	7.79+00	580.8	3.98+05	634.2	1.11+06
660319	66486	3B	.02805	.02981	4.69+00	548.8	2.57+05	577.0	8.05+05
660319	66997	3B	.02757	.03044	5.01+00	546.2	2.56+05	589.1	8.55+05
660319	67253	3B	.03204	.03827	4.35+00	548.3	2.84+05	602.8	1.11+06
660319	67509	3B	.04017	.04178	4.11+00	551.4	2.56+05	589.8	1.26+06
660319	67765	3B	.02846	.03206	4.69+00	537.8	2.70+05	592.7	9.71+05
660321	71419	3A	.01359	.01345	3.65+00	483.8	6.17+04	488.9	4.48+05
660321	72699	3A	.01022	.01096	4.12+00	456.0	9.14+04	474.1	4.55+05
660321	72955	3A	.00858	.00827	6.05+00	466.3	9.16+04	467.2	3.58+05
660321	73211	3A	.01176	.01267	5.83+00	469.9	1.30+05	481.5	6.02+05
660321	73467	3A	.01152	.00927	5.75+00	467.8	1.24+05	478.7	5.24+05
660321	73723	3A	.00961	.00942	5.33+00	470.7	1.02+05	477.7	5.28+05
660321	86010	3A	.03255	.03116	1.66+00	515.8	1.19+05	509.5	6.75+05
660321	86268	3A	.04120	.04244	1.82+00	495.3	1.52+05	502.5	4.61+05
660322	6010	3A	.01582	.01647	1.94+00	516.6	6.46+04	519.5	8.19+05
660322	6286	3A	.01361	.01392	1.90+00	511.5	7.15+04	508.1	3.67+05
660322	6522	3A	.01364	.01314	2.35+00	515.1	9.54+04	508.9	6.87+05
660322	6778	3A	.02083	.02053	1.67+00	512.8	7.72+04	511.1	5.78+05
660322	8314	3A	.01296	.01327	1.96+00	514.3	6.61+04	511.3	5.65+05
660322	8570	3A	.01410	.01273	1.91+00	512.6	6.31+04	498.5	5.52+05
660322	8826	3A	.01220	.01264	2.19+00	511.3	6.70+04	506.4	9.17+05
660322	10618	3A	.01676	.01613	2.17+00	502.3	5.54+04	497.2	6.6H+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660318	30333	3A	.03063	.02932	3.55+00	390.0	7.36+04	400.1	3.95+05
660318	30589	3A	.02831	.02758	3.66+00	390.3	7.96+04	398.5	2.68+05
660318	31869	3A	.02604	.02519	3.63+00	389.1	8.25+04	399.4	3.10+05
660318	32125	3A	.03032	.03169	3.87+00	383.2	7.98+04	391.8	2.43+05
660318	32381	3A	.02841	.03022	3.85+00	388.7	8.46+04	397.9	2.75+05
660318	32637	3A	.02772	.02910	4.00+00	385.7	7.87+04	394.4	2.58+05
660318	32893	3A	.02658	.02732	4.11+00	385.4	7.48+04	392.1	2.85+05
660318	34429	3A	.02922	.03001	4.33+00	385.6	7.36+04	391.3	3.08+05
660318	34685	3A	.02628	.02675	4.35+00	386.0	7.12+04	391.6	2.92+05
660318	34941	3A	.02976	.03078	4.05+00	385.9	7.35+04	389.6	2.21+05
660318	35197	3A	.02793	.02750	4.01+00	384.7	6.51+04	387.1	2.57+05
660318	35453	3A	.02731	.02780	3.99+00	384.4	7.25+04	388.7	2.09+05
660318	36733	3A	.02709	.02353	3.82+00	385.6	8.48+04	388.3	3.04+05
660318	36989	3A	.02330	.02424	4.08+00	382.0	8.64+04	389.0	2.45+05
660318	37245	3A	.02883	.02954	3.89+00	387.7	8.25+04	388.9	2.63+05
660318	37757	3A	.02802	.02841	3.92+00	382.3	8.50+04	387.7	2.70+05
660318	39037	3A	.02851	.02677	3.77+00	383.0	7.52+04	387.5	3.05+05
660318	39293	3A	.02206	.02263	3.76+00	384.2	7.70+04	387.4	2.74+05
660318	39549	3A	.02741	.02307	3.67+00	385.8	7.01+04	385.8	2.91+05
660318	39805	3A	.02961	.02967	3.46+00	384.2	6.29+04	390.2	3.03+05
660318	40061	3A	.02419	.02248	3.45+00	382.1	6.10+04	379.6	3.17+05
660318	41597	3A	.01970	.02046	3.90+00	379.7	6.41+04	387.3	2.72+05
660318	41853	3A	.02108	.02121	3.61+00	382.5	6.23+04	386.5	2.48+05
660318	42109	3A	.02188	.02227	4.24+00	379.1	6.07+04	384.9	2.72+05
660318	42365	3A	.02386	.02037	3.68+00	377.0	5.76+04	373.7	3.20+05
660318	47741	3A	.02007	.02035	4.87+00	364.1	7.01+04	363.7	3.22+05
660318	47997	3A	.01947	.01784	4.07+00	371.2	6.36+04	373.5	2.60+05
660318	48253	3A	.02624	.02463	3.83+00	371.9	6.90+04	374.5	2.37+05
660318	48765	3A	.02151	.01945	4.50+00	371.4	6.94+04	378.7	3.28+05
660318	50557	3A	.01907	.01761	4.36+00	369.4	6.77+04	377.0	3.10+05
660318	50813	3A	.02305	.01986	4.66+00	369.0	6.69+04	373.5	3.57+05
660318	51069	3A	.02370	.02433	4.67+00	369.0	6.63+04	379.2	2.66+05
660318	51325	3A	.02041	.02129	4.35+00	370.7	6.32+04	378.1	2.47+05
660318	51581	3A	.02117	.02101	4.31+00	369.3	6.30+04	374.8	3.60+05
660318	52861	3A	.01452	.01284	4.60+00	359.7	5.89+04	362.7	3.72+05
660318	53117	3A	.01248	.01151	4.74+00	360.8	6.21+04	360.6	2.53+05
660318	53373	3A	.01602	.01609	4.44+00	357.6	5.34+04	359.2	1.97+05
660318	53629	3A	.01558	.01555	4.74+00	359.9	5.63+04	362.7	2.66+05
660318	53885	3A	.02289	.02246	5.01+00	361.9	5.91+04	359.5	2.74+05
660318	84532	3B	.00594	.00624	9.93+00	380.8	4.22+04	363.1	1.78+05
660318	84788	3B	.00486	.00432	1.28+01	348.3	4.21+04	352.2	2.27+05
660318	85044	3B	.00628	.00635	1.13+01	352.2	3.61+04	349.3	1.92+05
660318	85300	3B	.00549	.00483	1.07+01	354.4	3.81+04	346.5	1.18+05
660318	85556	3B	.00556	.00490	1.18+01	357.7	4.18+04	352.6	2.79+05
660318	85812	3B	.00485	.00561	1.25+01	355.6	4.03+04	352.3	1.65+05
660319	692	3B	.00448	.00502	1.41+01	355.7	4.10+04	360.1	1.79+05
660319	948	3B	.00496	.00458	1.32+01	354.8	4.11+04	349.1	1.35+05
660319	1204	3B	.00804	.00798	1.38+01	352.3	3.41+04	352.1	1.13+05
660319	1460	3B	.00795	.00807	1.32+01	358.9	4.27+04	368.2	2.03+05
660319	1716	3B	.00704	.00728	1.29+01	353.3	3.50+04	359.5	1.62+05
660319	3508	3B	.00788	.00762	1.23+01	347.3	3.82+04	340.6	1.51+05
660319	3764	3B	.00663	.00694	1.30+01	357.3	4.27+04	355.3	1.92+05
660319	4020	3B	.00382	.00387	1.47+01	351.0	4.05+04	355.9	2.25+05
660319	5556	3B	.00868	.00851	1.16+01	343.0	3.58+04	348.9	1.05+05
660319	5812	3B	.01746	.01537	9.03+00	341.7	4.14+04	341.5	1.90+05
660319	6068	3B	.00548	.00538	1.57+01	335.4	3.79+04	345.2	2.04+05
660319	6580	3B	.00364	.00338	1.32+01	340.8	4.13+04	340.5	1.53+05
660319	8116	3B	.01102	.01147	1.28+01	348.0	4.57+04	347.6	1.88+05
660319	8624	3B	.01248	.01242	1.89+01	366.8	5.35+04	366.0	1.26+05
660319	8844	3B	.01214	.01212	1.99+01	368.0	5.56+04	366.0	1.06+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660317	52990	3A	.02430	.02398	6.38+00	316.4	3.74+04	317.4	1.16+05
660317	53246	3A	.02589	.02562	6.16+00	322.6	4.02+04	324.0	1.33+05
660317	53502	3A	.03394	.03351	6.17+00	321.7	4.02+04	322.5	1.18+05
660317	53758	3A	.02669	.02640	6.17+00	321.6	3.77+04	323.9	1.52+05
660317	54014	3A	.02978	.02949	6.59+00	322.1	3.97+04	322.8	1.30+05
660317	55294	3A	.03630	.03557	5.91+00	324.4	4.63+04	323.7	1.42+05
660317	55550	3A	.03206	.03120	6.32+00	325.2	4.77+04	324.5	1.54+05
660317	55806	3A	.02973	.02943	6.23+00	323.2	5.06+04	322.3	1.32+05
660317	56062	3A	.03081	.02848	5.67+00	328.6	4.07+04	319.7	1.83+05
660317	56318	3A	.02793	.02783	6.03+00	324.3	4.59+04	324.6	1.57+05
660317	56366	3A	.01467	.01394	9.43+00	338.2	3.90+04	337.9	2.23+05
660317	58622	3A	.01630	.01596	8.86+00	339.1	4.09+04	339.3	1.47+05
660317	60158	3A	.00496	.00528	6.59+00	348.4	4.26+04	353.5	6.39+04
660317	60414	3A	.01064	.01049	8.21+00	347.5	4.27+04	345.5	1.74+05
660317	60670	3A	.00893	.00850	8.90+00	340.2	3.57+04	339.6	2.56+05
660317	60926	3A	.01840	.01842	8.93+00	339.9	3.69+04	342.0	1.11+05
660317	61182	3A	.01897	.01903	8.79+00	341.9	3.64+04	346.0	1.01+05
660317	62462	3A	.01809	.01796	8.89+00	340.1	3.78+04	344.4	1.36+05
660317	62718	3A	.02203	.02180	9.17+00	340.3	3.76+04	343.8	1.25+05
660317	62974	3A	.01935	.01932	9.36+00	339.0	3.69+04	344.2	1.09+05
660317	63230	3A	.01856	.01838	6.72+00	340.1	3.58+04	343.7	2.04+05
660317	63486	3A	.01056	.01070	6.67+00	333.1	4.14+04	340.1	1.30+05
660317	65278	3A	.00663	.00744	1.11+01	333.6	4.07+04	335.2	2.14+05
660317	65534	3A	.00608	.00630	1.98+01	335.6	3.65+04	341.8	2.08+05
660317	65790	3A	.00549	.00588	1.84+01	337.7	4.39+04	343.5	1.88+05
660317	67326	3A	.00638	.00632	1.12+01	336.8	4.10+04	339.2	1.40+05
660317	67582	3A	.00669	.00684	1.12+01	336.4	4.02+04	342.2	1.41+05
660317	67838	3A	.00815	.00813	1.12+01	335.6	4.14+04	338.6	1.51+05
660317	68094	3A	.01174	.01171	1.07+01	340.1	3.72+04	342.7	1.45+05
660317	68350	3A	.01631	.01631	8.06+00	332.1	4.24+04	341.3	1.56+05
660317	69886	3A	.00921	.00929	1.41+01	334.0	3.64+04	333.5	1.52+05
660317	70142	3A	.02604	.02630	5.66+00	339.2	5.57+04	334.1	9.55+04
660317	70654	3A	.01871	.01871	1.08+01	337.6	3.28+04	343.2	9.74+04
660317	70910	3A	.01615	.01602	1.14+01	338.0	3.21+04	344.0	1.53+05
660317	71166	3A	.01290	.01220	1.32+01	340.0	3.48+04	337.8	1.61+05
660317	71422	3A	.01185	.01166	1.30+01	342.0	3.81+04	342.7	1.14+05
660317	71678	3A	.00887	.00886	1.55+01	343.4	3.81+04	345.2	9.87+04
660318	6782	3A	.02841	.03293	3.87+00	350.9	1.68+05	366.1	3.03+05
660318	7038	3A	.02147	.02486	4.72+00	350.6	1.37+05	370.9	3.79+05
660318	7806	3A	.02320	.02492	4.42+00	350.0	1.52+05	379.3	3.40+05
660318	8062	3A	.02186	.02515	4.28+00	365.4	1.58+05	387.6	3.00+05
660318	8318	3A	.02086	.05286	4.15+00	363.3	1.31+05	376.4	5.55+05
660318	8574	3A	.02273	.05628	4.22+00	363.0	1.28+05	370.3	3.00+05
660318	21886	3A	.03084	.02986	3.49+00	402.9	7.75+04	407.4	2.61+05
660318	22142	3A	.03439	.03503	3.25+00	404.4	7.49+04	414.2	2.99+05
660318	22398	3A	.02696	.02615	4.12+00	401.4	8.74+04	409.5	3.75+05
660318	23166	3A	.03391	.02718	3.73+00	399.9	8.67+04	404.2	4.78+05
660318	23422	3A	.02832	.02806	3.61+00	399.6	8.47+04	409.8	4.25+05
660318	24702	3A	.03228	.03157	3.57+00	397.3	7.98+04	405.0	3.28+05
660318	24958	3A	.03069	.03129	3.68+00	398.5	7.07+04	410.7	4.15+05
660318	25214	3A	.03416	.03071	3.63+00	396.4	7.39+04	399.2	4.09+05
660318	25470	3A	.03333	.03280	3.49+00	396.0	8.53+04	404.1	2.85+05
660318	25726	3A	.03107	.02829	3.61+00	397.0	7.55+04	402.3	4.68+05
660318	27262	3A	.02839	.03076	3.47+00	393.6	7.83+04	401.7	3.26+05
660318	27517	3A	.02599	.02489	3.79+00	394.4	7.98+04	401.9	2.99+05
660318	27774	3A	.03015	.02861	3.97+00	394.7	7.59+04	403.9	4.40+05
660318	28029	3A	.02789	.02706	3.71+00	392.5	7.43+04	398.7	2.49+05
660318	29565	3A	.02916	.03011	3.63+00	387.6	7.50+04	395.2	2.77+05
660318	29621	3A	.02386	.02548	3.78+00	388.0	8.12+04	397.4	3.36+05
660318	30077	3A	.03107	.03258	3.54+00	389.4	7.43+04	397.0	2.76+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660315	66995	3B	.03092	.03255	4.97+00	399.3	1.21+05	400.5	3.07+05
660315	67251	3B	.03345	.03044	5.09+00	390.1	1.25+05	394.0	3.74+05
660315	67507	3B	.03501	.03253	5.78+00	393.7	1.19+05	401.3	4.36+05
660315	68767	3B	.02607	.02580	5.60+00	388.0	1.14+05	397.2	3.40+05
660315	65940	3B	.02029	.02558	7.03+00	387.0	6.40+04	388.9	2.18+05
660315	86196	3B	.02900	.02867	7.05+00	384.8	6.07+04	388.2	2.21+05
660316	52	3B	.02974	.03137	7.26+00	378.1	6.94+04	384.9	3.01+05
660316	564	3B	.02910	.02852	7.18+00	391.1	6.85+04	389.8	2.68+05
660316	1844	3B	.03496	.03140	7.20+00	394.0	6.98+04	381.5	3.66+05
660316	2356	3B	.04492	.04341	6.35+00	391.2	5.65+04	381.1	3.32+05
660317	511	3A	.01393	.01342	1.01+01	310.0	7.11+04	314.7	1.97+05
660317	767	3A	.01242	.01196	1.08+01	309.4	6.19+04	312.9	1.75+05
660317	1023	3A	.01126	.01082	9.38+00	313.4	5.56+04	310.6	1.74+05
660317	2559	3A	.01055	.00978	8.37+00	311.8	5.89+04	317.2	2.13+05
660317	3071	3A	.00995	.01017	8.84+00	296.0	5.95+04	296.1	1.90+05
660317	3327	3A	.00910	.00788	7.79+00	311.2	5.66+04	308.8	1.94+05
660317	3583	3A	.00888	.00722	7.71+00	313.6	4.60+04	307.8	2.06+05
660317	4863	3A	.01057	.01076	7.15+00	305.1	4.38+04	305.1	1.62+05
660317	5119	3A	.01334	.01423	5.46+00	305.2	3.46+04	304.2	1.32+05
660317	5375	3A	.00635	.00680	9.34+00	301.3	4.78+04	300.5	1.62+05
660317	5631	3A	.01075	.01083	5.42+00	301.8	7.32+04	303.7	1.52+05
660317	7423	3A	.00719	.00758	6.76+00	303.4	3.64+04	303.4	1.29+05
660317	7679	3A	.00868	.00895	6.53+00	302.3	3.65+04	303.7	1.14+05
660317	8191	3A	.00910	.00914	7.01+00	303.1	3.54+04	300.3	1.65+05
660317	9727	3A	.01164	.01139	7.54+00	299.7	4.04+04	298.1	1.72+05
660317	9983	3A	.00910	.00945	6.72+00	300.5	3.58+04	299.0	1.75+05
660317	10239	3A	.01181	.01135	7.09+00	303.4	3.50+04	303.6	1.89+05
660317	10495	3A	.01221	.01207	7.02+00	303.4	3.59+04	298.3	1.47+05
660317	10751	3A	.01182	.01078	6.66+00	303.3	3.68+04	300.0	1.93+05
660317	12287	3A	.01210	.01189	9.55+00	303.2	4.33+04	298.1	1.08+05
660317	12542	3A	.00860	.00846	9.40+00	291.0	4.70+04	294.1	1.39+05
660317	12798	3A	.01442	.01338	6.96+00	293.4	3.98+04	287.2	6.87+04
660317	13054	3A	.00753	.00765	9.27+00	293.8	3.50+04	296.6	1.45+05
660317	14590	3A	.01117	.01041	6.16+00	297.8	3.48+04	294.2	1.16+05
660317	23550	3A	.01353	.01364	8.92+00	301.9	3.21+04	301.0	5.75+04
660317	23806	3A	.01414	.01411	8.18+00	302.3	2.86+04	304.7	7.81+04
660317	24574	3A	.01675	.01653	7.79+00	301.0	3.04+04	303.1	6.52+04
660317	25342	3A	.02515	.02514	7.18+00	305.2	2.76+04	307.5	7.13+04
660317	26622	3A	.01554	.01535	6.33+00	303.0	2.25+04	300.9	1.38+05
660317	26878	3A	.01688	.01690	5.30+00	298.6	2.15+04	301.9	1.01+05
660317	27134	3A	.03285	.03261	5.46+00	300.4	2.08+04	304.6	9.16+04
660317	29694	3A	.01890	.01888	5.72+00	299.3	1.72+04	306.5	8.97+04
660317	31486	3A	.02377	.02377	7.25+00	300.5	2.50+04	303.6	9.80+04
660317	31742	3A	.01885	.01872	6.57+00	298.2	2.23+04	300.2	9.27+04
660317	31998	3A	.01577	.01574	7.14+00	297.5	2.22+04	299.8	9.55+04
660317	32254	3A	.01255	.01253	6.63+00	298.3	2.45+04	302.3	1.03+05
660317	33790	3A	.02276	.02273	7.51+00	305.9	2.98+04	308.1	7.10+04
660317	34048	3A	.02539	.02534	8.90+00	304.5	2.53+04	304.3	8.59+04
660317	34614	3A	.00786	.00740	6.03+00	290.9	3.15+04	288.2	7.70+04
660317	36350	3A	.01319	.01315	6.05+00	293.3	1.94+04	307.4	8.70+04
660317	37118	3A	.01987	.01968	6.95+00	300.8	2.11+04	287.5	7.87+04
660317	37374	3A	.01696	.01691	6.82+00	299.9	2.46+04	292.8	3.86+04
660317	38654	3A	.02092	.02091	8.53+00	303.7	2.88+04	305.7	6.40+04
660317	38910	3A	.02489	.02489	7.27+00	303.5	2.24+04	308.7	8.87+04
660317	39166	3A	.02337	.02290	7.18+00	304.7	2.42+04	301.8	1.44+05
660317	39422	3A	.03192	.03187	5.17+00	305.5	3.23+04	306.5	7.33+04
660317	40958	3A	.02471	.02423	6.98+00	308.6	2.28+04	307.0	9.10+04
660317	50430	3A	.02481	.02485	8.22+00	314.0	2.75+04	310.8	8.07+04
660317	50686	3A	.02325	.02326	8.74+00	317.0	3.20+04	315.4	8.89+04
660317	50942	3A	.03298	.03277	8.24+00	314.0	2.61+04	309.1	6.94+04

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660310	26930	3B	.01132	.01258	5.39+00	361.6	1.23+05	386.6	3.03+05
660310	27186	3B	.01633	.01708	4.65+00	357.7	1.13+05	383.7	3.40+05
660310	27442	3B	.00922	.03908	4.83+00	355.9	1.36+05	386.8	3.89+05
660310	27698	3B	.01347	.01419	4.34+00	369.8	1.16+05	381.4	3.22+05
660310	27954	3B	.01185	.01151	5.41+00	368.0	9.75+04	398.5	4.95+05
660310	28210	3B	.01231	.01238	6.21+00	364.6	9.04+04	378.2	3.40+05
660310	28466	3B	.01381	.01306	6.25+00	367.4	9.19+04	380.0	3.40+05
660310	42546	3B	.01394	.01517	6.41+00	355.9	9.43+04	371.3	3.32+05
660310	42802	3B	.01424	.01520	6.12+00	353.3	8.98+04	369.7	2.74+05
660310	43314	3B	.01322	.01531	6.45+00	350.0	9.70+04	363.4	2.88+05
660310	58162	3B	.05076	.05308	7.23+00	376.7	7.08+04	379.4	2.39+05
660310	58418	3B	.05099	.04997	7.27+00	362.6	6.39+04	383.0	2.57+05
660310	58674	3B	.05295	.05515	7.41+00	364.6	5.88+04	385.7	2.26+05
660310	58930	3B	.05321	.05260	7.79+00	366.2	6.08+04	385.6	2.02+05
660310	59186	3B	.06606	.06544	7.46+00	365.9	5.72+04	387.9	2.21+05
660310	59442	3B	.05039	.04962	6.91+00	364.5	7.31+04	387.2	2.20+05
660310	59698	3B	.04234	.04360	6.97+00	360.5	7.15+04	383.6	2.68+05
660310	73010	3B	.05245	.05300	7.39+00	394.8	7.40+04	396.7	3.60+05
660310	73266	3B	.05183	.05134	7.16+00	392.1	7.17+04	389.7	3.11+05
660310	73522	3B	.04946	.04912	7.31+00	389.2	7.07+04	387.7	2.69+05
660310	73778	3B	.04943	.04900	7.66+00	389.0	7.20+04	387.0	2.85+05
660310	74034	3B	.04690	.04705	7.46+00	369.0	7.50+04	389.4	3.07+05
660310	74290	3B	.05014	.05000	7.24+00	366.7	7.70+04	388.1	3.47+05
660310	74546	3B	.05249	.05170	7.00+00	387.7	6.99+04	385.1	2.89+05
660312	36226	3A	.04962	.04821	3.53+00	419.5	6.94+04	403.7	3.30+05
660312	36482	3A	.06184	.06114	4.81+00	415.1	1.36+05	415.6	3.74+05
660312	36738	3A	.10776	.09582	2.53+00	409.0	6.99+04	425.6	5.88+05
660312	37506	3A	.04927	.04701	4.85+00	405.4	1.15+05	409.1	4.23+05
660312	81282	3A	.01690	.01867	4.87+00	389.5	9.45+04	395.3	1.92+05
660312	81794	3A	.01828	.02252	5.88+00	386.0	1.11+05	403.9	2.41+05
660312	82050	3A	.02007	.02288	5.83+00	393.2	9.80+04	405.7	2.60+05
660312	82562	3A	.02092	.02509	6.95+00	384.0	1.04+05	395.0	3.00+05
660312	82818	3A	.01759	.01964	6.74+00	382.1	1.18+05	394.0	2.84+05
660313	28162	3A	.07165	.07043	2.39+00	413.2	4.63+04	413.0	2.44+05
660314	64563	3B	.03539	.03494	6.14+00	307.9	2.56+04	308.1	7.16+04
660314	65587	3B	.02699	.02712	6.89+00	309.9	2.83+04	311.3	8.87+04
660314	67635	3B	.03809	.03891	7.55+00	305.6	5.49+04	308.3	1.49+05
660314	67891	3B	.03294	.03283	7.74+00	306.1	6.80+04	310.2	1.74+05
660314	68147	3B	.03124	.03281	8.32+00	306.3	6.80+04	304.8	1.47+05
660315	18355	3B	.01423	.01413	7.32+00	291.8	3.03+04	292.5	1.00+05
660315	18611	3B	.01200	.01237	7.93+00	290.9	3.19+04	292.7	7.69+04
660315	18867	3B	.00932	.00958	7.26+00	290.3	3.39+04	293.0	1.25+05
660315	19035	3B	.01095	.01085	7.75+00	292.6	2.79+04	293.7	9.04+04
660315	21683	3B	.00930	.00949	7.56+00	297.6	2.57+04	297.9	6.81+04
660315	36531	3B	.01110	.01039	1.25+01	309.2	4.23+04	306.9	9.49+04
660315	36787	3B	.00561	.00583	1.07+01	314.6	3.84+04	315.0	5.19+04
660315	37299	3B	.00654	.00642	1.15+01	315.0	3.76+04	316.1	1.78+05
660315	39859	3B	.00472	.00472	1.63+01	309.9	2.98+04	308.6	1.79+05
660315	40115	3B	.00727	.00709	1.88+01	307.4	2.89+04	301.7	6.23+04
660315	49075	3B	.00811	.00808	1.51+01	318.1	3.13+04	321.4	7.86+04
660315	49331	3B	.00611	.00612	1.20+01	319.4	3.87+04	318.5	9.12+04
660315	49587	3B	.00732	.00654	1.66+01	319.2	3.87+04	314.0	1.22+05
660315	52147	3B	.00465	.00476	1.70+01	323.2	3.87+04	324.4	1.29+05
660315	52403	3B	.00452	.00418	1.67+01	322.0	3.89+04	316.1	1.19+05
660315	52659	3B	.00698	.00682	1.78+01	318.5	4.04+04	318.8	1.09+05
660315	65203	3B	.04034	.09615	4.91+00	402.6	1.26+05	410.2	4.91+05
660315	65459	3B	.03386	.03590	4.39+00	405.5	1.23+05	424.5	4.49+05
660315	65715	3B	.03680	.09712	4.23+00	404.5	1.42+05	422.7	5.49+05
660315	65971	3B	.02876	.02949	5.86+00	400.8	1.40+05	417.9	3.70+05
660315	66227	3B	.02671	.02651	5.11+00	399.3	1.33+05	416.5	4.02+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660306	17200	3B	.01791	.01729	5.73+00	359.3	5.00+04	362.1	3.02+05
660306	17456	3B	.01714	.01722	6.31+00	369.2	4.78+04	374.1	2.19+05
660306	18224	3B	.02893	.02910	6.20+00	363.7	5.49+04	368.3	2.40+05
660306	20272	3B	.02864	.03113	7.90+00	339.6	6.27+04	356.5	2.95+05
660306	32561	3B	.02715	.02687	6.10+00	347.3	4.81+04	345.4	1.41+05
660306	32817	3B	.02681	.02681	6.59+00	347.6	4.31+04	349.4	1.86+05
660306	33073	3B	.02344	.02338	7.30+00	346.3	4.70+04	350.1	1.81+05
660306	33841	3B	.03191	.03169	5.24+00	347.6	3.97+04	347.7	1.66+05
660306	36145	3B	.02086	.02051	7.34+00	351.1	4.83+04	353.0	1.38+05
660306	36401	3B	.02704	.02701	6.77+00	339.1	4.82+04	344.3	1.86+05
660306	47153	3B	.02887	.02976	5.32+00	328.3	4.73+04	328.7	2.16+05
660306	47409	3B	.03106	.02340	4.83+00	325.7	4.68+04	319.2	2.54+05
660306	47665	3B	.02517	.02215	5.13+00	329.9	4.95+04	328.9	2.53+05
660306	48177	3B	.01532	.01432	6.42+00	334.8	5.92+04	317.4	2.00+05
660306	48433	3B	.03325	.03235	4.94+00	331.9	4.37+04	325.5	2.82+05
660306	48689	3B	.04798	.04672	3.97+00	334.4	3.32+04	340.4	4.82+05
660306	50481	3B	.02951	.02781	5.86+00	335.9	5.69+04	337.7	2.26+05
660306	50737	3B	.02747	.02574	5.67+00	336.9	5.71+04	337.6	2.50+05
660306	61745	3B	.03131	.02835	7.53+00	331.9	7.34+04	334.3	2.59+05
660307	53766	3A	.01716	.01720	6.14+00	319.7	3.07+04	319.1	1.31+05
660307	54022	3A	.02414	.02361	5.81+00	319.2	3.01+04	317.3	1.14+05
660307	68166	3A	.02626	.02665	5.62+00	317.3	3.29+04	314.0	1.17+05
660307	68422	3A	.02679	.02831	5.58+00	318.2	3.08+04	314.1	0.91+04
660307	70726	3A	.02850	.02853	6.10+00	317.1	2.74+04	315.1	1.15+05
660308	6598	3A	.01519	.01389	5.46+00	318.3	3.04+04	311.9	1.23+05
660308	6854	3A	.01398	.01371	4.90+00	318.9	2.94+04	311.1	6.08+04
660308	7110	3A	.01750	.01718	4.98+00	319.5	3.01+04	314.3	7.40+04
660308	7878	3A	.01518	.01499	4.76+00	317.5	3.22+04	312.2	8.76+04
660308	9670	3A	.01468	.01480	4.62+00	318.4	3.51+04	314.1	1.11+05
660308	9926	3A	.02534	.02003	4.50+00	316.2	3.70+04	302.8	1.93+05
660308	27078	3A	.02444	.02347	6.64+00	342.4	3.57+04	334.3	1.25+05
660308	27334	3A	.01980	.01996	1.19+01	335.7	3.49+04	328.8	9.02+04
660308	52550	3A	.01401	.01358	9.51+00	307.7	2.93+04	307.4	4.59+04
660308	52806	3A	.01848	.01839	9.99+00	307.8	2.85+04	305.9	8.72+04
660308	53082	3A	.00908	.00907	9.34+00	308.0	2.81+04	306.0	3.86+04
660308	53574	3A	.01620	.01626	9.28+00	306.0	2.62+04	305.6	3.37+04
660308	54085	3A	.01318	.01311	8.84+00	304.5	2.65+04	305.1	9.97+04
660308	55365	3A	.02435	.02435	9.52+00	306.0	2.75+04	308.0	8.45+04
660308	55621	3A	.02439	.02441	9.19+00	308.0	2.61+04	307.4	5.29+04
660308	72517	3A	.01215	.01195	5.58+00	311.1	2.25+04	305.4	1.81+05
660308	72773	3A	.01057	.01047	5.12+00	309.4	2.25+04	309.0	4.70+04
660308	75077	3A	.01644	.01619	4.79+00	307.3	2.21+04	307.2	1.51+05
660308	85573	3A	.00494	.00488	4.59+00	301.5	1.87+04	299.1	2.11+05
660308	85829	3A	.01708	.01691	3.61+00	294.4	2.13+04	295.3	1.10+05
660309	45745	3B	.00562	.00543	1.02+01	319.4	3.35+04	315.3	1.51+05
660309	69314	3B	.00298	.00312	6.62+00	321.0	6.05+04	331.1	1.47+05
660309	69570	3B	.00358	.00345	8.28+00	320.6	6.43+04	332.6	2.22+05
660309	59826	3B	.00480	.00501	9.65+00	316.2	5.48+04	322.9	2.70+05
660309	60082	3B	.00566	.01160	8.87+00	311.5	5.78+04	315.7	2.18+05
660309	60338	3B	.00395	.00350	9.65+00	318.0	5.84+04	322.3	1.48+05
660309	60594	3B	.00557	.00517	9.13+00	320.2	7.45+04	328.3	1.98+05
660309	60850	3B	.00336	.00427	7.96+00	317.8	8.44+04	337.0	1.52+05
660309	72882	3B	.00250	.00242	7.82+00	314.3	5.81+04	331.0	2.83+05
660310	11314	3B	.01167	.01332	4.84+00	360.5	9.40+04	362.4	1.76+05
660310	11570	3B	.00614	.00743	5.60+00	369.2	1.14+05	386.3	2.75+05
660310	11826	3B	.00652	.00655	5.98+00	369.1	1.24+05	403.4	5.61+05
660310	12082	3B	.00596	.02249	5.67+00	367.2	1.14+05	391.5	3.03+05
660310	12332	3B	.00818	.02739	5.43+00	365.3	1.16+05	390.1	6.11+05
660310	12594	3B	.00664	.00679	5.39+00	365.0	9.53+04	376.7	3.06+05
660310	12850	3B	.00710	.02149	5.86+00	356.1	1.29+05	386.0	6.54+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660303	2186	3A	.00962	.01641	7.67+00	277.1	5.81+04	278.4	9.34+04
660303	25738	3A	.01314	.01276	1.56+01	286.9	3.64+04	287.6	9.19+04
660303	25994	3A	.00963	.01066	1.31+01	248.5	4.54+04	283.4	9.56+04
660303	26250	3A	.00942	.01046	1.31+01	287.2	4.04+04	284.1	8.28+04
660303	26506	3A	.01014	.00996	1.28+01	287.8	4.42+04	287.2	8.86+04
660303	26762	3A	.01455	.01547	6.79+00	291.3	5.29+04	285.0	7.94+04
660303	27018	3A	.01075	.01022	1.25+01	287.5	4.60+04	286.5	1.09+05
660303	27274	3A	.01213	.01379	1.10+01	286.6	4.63+04	285.2	1.19+05
660303	38026	3A	.04473	.04210	7.54+00	319.2	5.82+04	317.8	2.20+05
660303	38282	3A	.03589	.03367	7.84+00	320.1	4.33+04	317.8	1.89+05
660303	38538	3A	.03746	.03581	6.33+00	317.4	4.67+04	318.9	1.55+05
660303	38794	3A	.03586	.03443	6.69+00	315.4	4.71+04	316.9	1.63+05
660303	39050	3A	.04155	.04075	7.09+00	318.6	4.48+04	319.6	1.37+05
660303	39306	3A	.04320	.04291	6.24+00	318.6	4.29+04	321.4	1.45+05
660303	39562	3A	.03938	.03811	6.23+00	317.5	4.39+04	319.1	1.65+05
660303	66697	3A	.01377	.01222	8.76+00	347.1	5.72+04	343.4	1.67+05
660303	66953	3A	.01549	.01392	1.60+01	349.7	6.39+04	349.3	2.61+05
660303	67465	3A	.01482	.01428	9.66+00	350.4	6.42+04	351.6	2.47+05
660303	67721	3A	.01481	.01386	1.02+01	346.5	6.44+04	350.0	2.20+05
660303	67977	3A	.01445	.01396	1.01+01	346.8	5.93+04	351.2	1.89+05
660303	68233	3A	.01416	.01330	9.71+00	350.5	6.25+04	350.9	2.26+05
660303	68777	3A	.01787	.01894	5.95+00	392.1	1.03+05	402.0	2.75+05
660303	81033	3A	.01739	.01718	5.94+00	384.7	1.16+05	399.9	3.36+05
660303	81289	3A	.01456	.01506	5.49+00	394.5	1.03+05	398.3	2.79+05
660303	81545	3A	.01406	.01532	5.42+00	395.6	1.22+05	419.7	3.76+05
660303	81801	3A	.01914	.01969	5.53+00	392.8	1.16+05	401.7	3.59+05
660303	62057	3A	.01513	.01709	5.81+00	402.3	1.16+05	410.9	3.55+05
660304	67113	3A	.01632	.01712	4.95+00	396.3	8.29+04	419.6	3.33+05
660304	6969	3A	.01717	.01547	4.54+00	395.3	8.05+04	414.9	4.26+05
660304	9225	3A	.01919	.01949	4.52+00	400.2	8.90+04	412.9	4.79+05
660304	9481	3A	.01959	.02071	4.32+00	396.2	9.45+04	409.5	3.76+05
660304	9737	3A	.01448	.01673	4.56+00	398.7	1.07+05	410.7	4.08+05
660304	9993	3A	.01330	.01602	4.71+00	403.1	1.02+05	412.8	3.02+05
660304	10249	3A	.01477	.01689	4.34+00	403.5	9.42+04	412.0	3.37+05
660304	23305	3A	.00870	.00864	4.26+00	417.4	7.68+04	427.6	3.81+05
660304	23561	3A	.00708	.00675	4.32+00	424.4	8.21+04	418.8	4.25+05
660304	24329	3A	.00661	.00647	4.55+00	419.0	9.45+04	419.8	3.63+05
660304	24585	3A	.00450	.00472	4.98+00	424.5	1.07+05	426.9	3.26+05
660304	38665	3A	.00871	.00824	4.22+00	424.7	1.01+05	410.0	5.75+05
660304	38921	3A	.01324	.01298	3.56+00	429.6	8.58+04	441.4	6.92+05
660305	4272	3B	.14905	.14692	5.52+00	381.2	9.13+04	423.7	7.81+05
660305	4528	3B	.04217	.04333	4.97+00	393.0	8.78+04	396.6	3.97+05
660305	34480	3B	.04079	.04169	3.18+00	407.1	8.47+04	408.3	3.85+05
660305	34736	3B	.03578	.03509	3.48+00	410.4	7.66+04	415.7	4.89+05
660305	35504	3B	.02870	.02843	3.34+00	412.9	7.60+04	416.1	3.26+05
660305	37552	3B	.03181	.02796	3.40+00	411.5	7.65+04	402.0	4.56+05
660305	37808	3B	.03260	.02946	3.22+00	408.6	7.67+04	407.2	5.94+05
660305	38064	3B	.03464	.03474	2.99+00	409.0	7.21+04	417.6	4.48+05
660305	38320	3B	.04609	.04732	2.87+00	407.6	7.41+04	401.6	4.83+05
660305	57776	3B	.02728	.02727	3.77+00	372.8	5.11+04	372.3	9.55+04
660305	58032	3B	.03080	.03670	3.38+00	375.0	3.83+04	380.3	2.50+05
660305	58800	3B	.02556	.02604	3.54+00	376.4	3.82+04	369.6	2.14+05
660305	61104	3B	.01985	.01976	4.71+00	375.4	5.07+04	370.9	1.57+05
660305	61360	3B	.01663	.01652	4.84+00	379.3	3.42+04	364.6	2.27+05
660305	61616	3B	.02068	.02045	3.47+00	374.3	3.67+04	369.3	2.98+05
660305	76976	3B	.03586	.03572	3.87+00	341.8	2.74+04	344.6	1.84+05
660305	77488	3B	.01181	.01167	3.53+00	356.0	5.66+04	337.7	1.40+05
660306	4656	3B	.02352	.02300	6.14+00	350.6	5.06+04	346.3	2.24+05
660306	5168	3B	.03437	.03511	2.64+00	346.0	2.67+04	344.5	1.93+05
660306	16944	3B	.01902	.01969	5.40+00	361.6	4.77+04	355.3	1.63+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
660226	54542	3A	.04758	.04638	2.19+00	467.5	7.45+04	467.9	4.54+05
660226	55310	3A	.04961	.04966	2.12+00	464.3	6.39+04	465.9	3.80+05
660226	57357	3A	.03736	.03775	2.41+00	455.3	6.75+04	453.6	2.16+05
660226	57614	3A	.04553	.04534	2.15+00	459.0	5.95+04	461.2	2.91+05
660226	57869	3A	.03553	.03504	2.16+00	461.1	5.72+04	456.6	3.17+05
660226	68877	3A	.03049	.03013	2.69+00	447.1	6.72+04	437.3	3.49+05
660226	71949	3A	.04326	.04379	2.35+00	439.4	8.70+04	442.7	3.32+05
660226	72461	3A	.05416	.05418	2.61+00	434.3	8.16+04	433.5	3.03+05
660226	82957	3A	.02378	.02074	3.13+00	420.7	7.85+04	415.1	4.06+05
660226	83213	3A	.02589	.02552	2.61+00	417.6	6.93+04	423.2	2.38+05
660226	83469	3A	.02859	.03072	2.78+00	416.3	7.68+04	426.7	4.46+05
660226	84493	3A	.02751	.02573	2.80+00	405.3	6.67+04	408.0	3.33+05
660226	86285	3A	.01151	.01139	4.23+00	368.8	9.99+04	424.4	4.27+05
660227	141	3A	.02405	.02429	2.77+00	410.0	1.00+05	408.9	2.04+05
660227	397	3A	.03441	.03370	2.31+00	404.0	5.92+04	405.7	2.88+05
660227	11149	3A	.04819	.04699	3.49+00	418.3	8.72+04	420.3	3.24+05
660227	11405	3A	.05298	.05381	3.41+00	417.0	8.85+04	420.7	3.40+05
660227	12173	3A	.03922	.03956	3.64+00	420.1	7.76+04	419.9	3.34+05
660227	34957	3A	.04205	.03872	3.06+00	401.5	7.14+04	398.7	3.60+05
660227	38029	3A	.06014	.06133	3.44+00	411.6	8.03+04	416.0	3.19+05
660227	38285	3A	.04278	.04220	4.07+00	399.0	9.98+04	407.4	3.10+05
660227	55437	3A	.03747	.03763	2.99+00	370.5	9.39+04	386.5	3.06+05
660227	57485	3A	.03938	.03900	3.16+00	371.9	8.28+04	384.9	2.57+05
660227	57741	3A	.04709	.04788	2.88+00	378.1	7.28+04	382.3	2.97+05
660227	57997	3A	.03639	.03766	3.28+00	377.1	6.80+04	380.7	2.60+05
660228	43567	3B	.01937	.01977	5.93+00	314.7	3.93+04	311.1	1.43+05
660228	43823	3B	.01730	.01778	6.59+00	312.9	4.29+04	318.4	1.47+05
660228	44079	3B	.01807	.01764	5.93+00	317.3	4.64+04	317.7	1.56+05
660228	44335	3B	.02894	.02890	6.65+00	315.6	4.17+04	313.4	2.09+05
660228	44847	3B	.02041	.02134	5.86+00	313.2	4.95+04	314.4	1.41+05
660228	59439	3B	.01358	.01346	8.18+00	295.9	2.57+04	296.9	1.05+05
660228	59695	3B	.01278	.01276	6.77+00	305.4	2.93+04	305.2	7.83+04
660228	60207	3B	.01109	.01116	6.31+00	304.9	2.48+04	310.0	1.47+05
660228	60483	3B	.01116	.01118	6.02+00	303.8	2.58+04	308.3	1.25+05
660228	60719	3B	.01475	.01464	5.74+00	304.5	2.51+04	303.9	1.31+05
660301	175	3B	.00996	.00978	9.62+00	295.0	2.32+04	294.8	8.11+04
660301	431	3B	.01052	.01050	8.12+00	300.7	2.53+04	303.7	8.67+04
660301	687	3B	.01038	.01035	8.48+00	306.0	2.69+04	307.4	8.05+04
660301	943	3B	.01444	.01445	7.52+00	304.4	2.86+04	308.5	6.44+04
660301	1199	3B	.01294	.01291	8.22+00	304.8	2.79+04	307.3	6.80+04
660301	15791	3B	.01332	.01322	6.96+00	295.5	1.63+04	291.3	8.22+04
660301	26287	3B	.01190	.01187	5.24+00	275.9	2.83+04	277.1	1.12+05
660301	26543	3B	.01774	.01580	6.02+00	279.2	2.80+04	276.1	1.61+05
660301	26799	3B	.01381	.01377	4.92+00	286.2	3.25+04	285.6	1.00+05
660301	27055	3B	.01333	.01319	5.44+00	287.0	3.14+04	291.2	1.27+05
660301	27311	3B	.01851	.01839	4.32+00	281.6	2.69+04	292.2	1.16+05
660301	27567	3B	.01801	.01816	4.32+00	282.3	2.68+04	282.6	9.75+04
660301	41647	3B	.00733	.00765	5.45+00	294.8	2.94+04	295.4	1.66+05
660301	41903	3B	.00790	.00786	6.31+00	294.5	2.75+04	298.4	7.25+04
660301	54959	3B	.01408	.01379	7.30+00	299.6	2.80+04	301.9	1.32+05
660301	55727	3B	.01592	.01560	7.13+00	293.1	2.70+04	293.8	1.01+05
660301	55983	3B	.01430	.01438	6.55+00	291.9	2.61+04	293.3	6.95+04
660301	56239	3B	.01573	.01569	6.34+00	288.4	3.12+04	288.0	9.23+04
660301	56495	3B	.01120	.01114	7.40+00	288.4	3.22+04	289.8	1.41+05
660301	68783	3B	.01300	.01301	5.50+00	295.8	1.97+04	297.9	8.15+04
660301	69039	3B	.01100	.01080	5.90+00	296.1	1.92+04	295.7	5.38+04
660301	69295	3B	.01458	.01435	5.51+00	295.7	2.05+04	297.5	9.71+04
660301	69551	3B	.01199	.01197	5.38+00	293.5	2.01+04	297.8	9.56+04
660301	69807	3B	.01301	.01300	5.39+00	294.2	1.88+04	296.0	6.54+04
660303	1930	3A	.04307	.04252	6.96+00	254.9	2.63+04	247.7	1.33+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660220	7468	3B	.02070	.02496	9.17+00	615.0	4.29+05	675.9	1.36+06
660220	7724	3B	.01700	.07542	8.58+00	617.4	4.96+05	698.6	1.10+06
660220	8236	3B	.01750	.05930	9.23+00	616.6	4.33+05	689.8	1.36+06
660220	30252	3B	.02470	.02534	5.78+00	645.2	3.67+05	699.5	1.76+06
660220	31276	3B	.02244	.02441	5.45+00	663.5	3.60+05	708.6	1.59+06
660220	31788	3B	.02601	.02636	4.51+00	666.5	4.35+05	722.8	1.74+06
660220	46636	3B	.04037	.03972	3.32+00	692.4	2.87+05	702.1	1.61+06
660220	47148	3B	.03731	.03763	3.57+00	682.4	3.07+05	709.4	1.54+06
660220	47660	3B	.04240	.04287	3.34+00	671.1	3.34+05	700.3	1.30+06
660221	69009	3A	.03030	.03030	1.43+00	491.2	1.94+04	491.7	3.22+05
660222	10769	3A	.01554	.01573	2.30+00	452.4	4.39+04	458.9	2.84+05
660222	11281	3A	.01856	.02106	2.14+00	445.4	4.45+04	453.1	3.63+05
660222	11537	3A	.01852	.01745	2.25+00	442.9	4.15+04	444.7	3.09+05
660222	11793	3A	.01593	.01587	2.45+00	439.3	3.58+04	453.0	3.00+05
660222	12049	3A	.01691	.01708	2.52+00	443.4	3.80+04	445.8	2.33+05
660222	12305	3A	.01250	.01286	2.82+00	447.9	4.02+04	457.2	5.11+05
660222	38953	3A	.01489	.01554	4.03+00	455.2	5.30+04	440.0	3.09+05
660222	40465	3A	.03042	.03216	3.78+00	451.5	1.08+05	468.0	3.77+05
660222	52497	3A	.05104	.05683	3.70+00	500.9	2.14+05	544.6	8.05+05
660222	53265	3A	.04863	.04948	4.73+00	511.7	2.61+05	558.4	9.97+05
660222	54033	3A	.05325	.05767	3.94+00	509.5	2.31+05	552.0	1.01+06
660222	66833	3A	.02703	.07016	4.09+00	480.6	2.93+05	485.5	3.97+05
660222	81168	3A	.00978	.03615	5.44+00	465.4	3.87+05	511.6	9.93+05
660223	16528	3A	.01151	.02850	5.36+00	476.6	2.03+05	523.1	7.65+05
660223	59053	3B	.03874	.03979	3.93+00	603.5	1.90+05	630.3	9.09+05
660223	59309	3B	.04053	.04115	3.49+00	601.6	1.77+05	628.7	8.37+05
660223	59565	3B	.03508	.03560	3.50+00	601.4	1.75+05	621.0	9.62+05
660223	59821	3B	.03205	.03203	3.94+00	563.9	1.79+05	619.3	8.03+05
660223	60333	3B	.04852	.04620	3.08+00	601.7	1.56+05	619.0	1.13+06
660223	62637	3B	.04583	.04602	3.02+00	597.5	1.76+05	630.8	8.64+05
660223	62693	3B	.03223	.03300	3.63+00	592.5	2.22+05	632.0	8.29+05
660224	301	3B	.03470	.03574	2.87+00	624.0	2.07+05	646.8	1.05+06
660224	557	3B	.03781	.03785	2.31+00	627.1	1.39+05	640.5	8.81+05
660224	813	3B	.04102	.04014	2.43+00	617.2	1.26+05	630.4	1.01+06
660224	3885	3B	.03720	.03712	2.97+00	653.4	1.98+05	646.6	1.00+06
660224	16429	3B	.04903	.05112	3.61+00	623.2	2.46+05	663.6	1.14+06
660224	16665	3B	.04424	.04428	3.13+00	641.0	2.10+05	640.9	8.92+05
660224	16941	3B	.04870	.04971	3.33+00	628.7	2.22+05	649.6	1.06+06
660224	19245	3B	.04618	.04748	2.81+00	584.3	2.37+05	637.7	1.21+06
660224	19501	3B	.05187	.04613	3.47+00	634.0	2.22+05	628.8	1.14+06
660224	19757	3B	.05211	.05316	3.93+00	610.9	2.31+05	635.3	8.27+05
660224	20013	3B	.06309	.06494	3.50+00	601.9	2.33+05	643.2	1.10+06
660224	20269	3B	.03854	.03923	3.52+00	607.2	2.14+05	644.2	1.19+06
660224	39981	3B	.03223	.03204	3.80+00	605.4	1.71+05	608.3	7.34+05
660224	40237	3B	.05828	.05593	2.72+00	632.9	1.87+05	638.6	1.18+06
660224	40493	3B	.04852	.04926	3.11+00	602.9	2.00+05	652.4	1.05+06
660224	58925	3B	.04945	.04985	1.97+00	588.1	1.91+05	627.5	1.53+06
660224	59181	3B	.03629	.03588	3.40+00	628.5	2.94+05	660.2	9.63+05
660224	61485	3B	.04152	.04202	1.75+00	608.5	1.55+05	637.8	8.97+05
660224	61741	3B	.06164	.06144	2.11+00	608.1	1.84+05	652.9	1.46+06
660224	61997	3B	.04695	.04688	1.61+00	592.6	1.18+05	649.1	1.67+06
660224	62509	3B	.03986	.04202	2.96+00	612.4	2.00+05	643.9	1.18+06
660224	72749	3B	.03156	.02935	3.01+00	589.7	1.86+05	617.0	9.98+05
660224	73773	3B	.04372	.04120	2.65+00	627.4	1.93+05	629.3	1.08+06
660224	15821	3B	.03105	.03159	3.15+00	602.3	1.54+05	640.1	1.14+06
660225	173	3B	.03517	.03610	3.65+00	548.1	2.57+05	598.3	1.09+06
660225	2221	3B	.02378	.02178	2.10+00	552.5	1.74+05	553.5	1.15+06
660226	43278	3A	.05179	.05163	1.76+00	469.5	6.96+04	468.1	3.13+05
660226	43534	3A	.05074	.05066	1.66+00	471.4	7.13+04	467.1	3.99+05
660226	54246	3A	.04817	.04820	2.29+00	462.9	6.85+04	462.3	3.51+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
660217	3733	3A	.03750	.03572	6.82+00	328.6	3.80+04	324.2	1.60+05
660217	3989	3A	.03508	.03429	5.79+00	329.3	3.62+04	325.9	1.23+05
660217	13717	3A	.02546	.02517	7.20+00	327.5	4.06+04	319.0	9.68+04
660217	14229	3A	.02996	.02791	6.18+00	328.5	3.44+04	318.9	1.52+05
660217	14997	3A	.02851	.02710	7.62+00	324.7	3.93+04	317.6	1.47+05
660217	17045	3A	.05083	.05106	2.78+00	317.6	1.81+04	307.8	5.81+04
660217	22933	3A	.01221	.01219	6.95+00	331.9	2.95+04	333.1	8.79+04
660217	23957	3A	.01319	.01320	9.21+00	329.8	3.23+04	333.2	9.95+04
660217	39828	3A	.01986	.01984	1.38+01	325.7	3.51+04	333.5	1.08+05
660217	64660	3A	.05467	.05241	6.17+00	344.7	4.68+04	343.9	1.96+05
660217	64916	3A	.04727	.04773	6.55+00	342.5	5.40+04	347.0	1.78+05
660217	65172	3A	.03306	.03408	6.52+00	340.1	6.57+04	346.6	1.51+05
660217	79508	3A	.04289	.04249	6.64+00	341.7	5.12+04	339.0	1.44+05
660217	79764	3A	.03706	.03624	6.47+00	341.2	4.98+04	339.0	1.63+05
660217	80020	3A	.04387	.04388	5.81+00	339.6	5.07+04	339.9	1.50+05
660217	82324	3A	.03696	.03686	6.19+00	337.3	4.30+04	334.0	1.08+05
660217	82580	3A	.03442	.03406	6.81+00	337.9	5.02+04	336.4	1.41+05
660217	82836	3A	.03173	.03009	6.54+00	337.0	4.72+04	331.1	1.49+05
660218	25620	3A	.05798	.05794	5.65+00	344.7	6.39+04	342.4	1.83+05
660218	25876	3A	.06203	.06201	5.59+00	346.1	6.81+04	344.8	2.31+05
660218	26132	3A	.06072	.06044	5.63+00	345.2	6.56+04	342.5	2.07+05
660218	26644	3A	.07098	.06820	5.06+00	341.0	6.19+04	338.7	2.05+05
660218	26900	3A	.05508	.05631	5.27+00	342.8	6.85+04	338.0	1.49+05
660218	27412	3A	.05879	.05821	5.25+00	341.1	5.78+04	338.1	1.65+05
660218	28948	3A	.05767	.05716	5.10+00	341.5	6.40+04	340.7	2.02+05
660218	29204	3A	.05874	.05795	5.14+00	340.6	6.28+04	337.2	1.67+05
660218	29460	3A	.06589	.06458	5.24+00	341.0	5.88+04	340.3	2.09+05
660218	29716	3A	.06367	.06307	5.63+00	341.3	6.77+04	339.7	2.05+05
660218	29972	3A	.06810	.06832	4.51+00	332.8	6.51+04	337.5	2.11+05
660218	31252	3A	.05848	.05793	4.84+00	339.4	6.80+04	338.9	1.99+05
660218	31508	3A	.07220	.06741	4.76+00	338.6	5.80+04	336.0	2.05+05
660218	31764	3A	.06725	.06463	4.86+00	338.1	5.59+04	337.7	1.87+05
660218	32020	3A	.06218	.06151	4.84+00	338.9	6.19+04	337.6	1.68+05
660218	32276	3A	.06794	.06757	4.82+00	340.1	6.07+04	337.1	1.64+05
660218	33812	3A	.06010	.06248	4.73+00	338.6	4.96+04	336.2	1.59+05
660218	34068	3A	.04354	.04342	6.89+00	305.3	1.83+05	325.3	1.57+05
660218	36628	3A	.05273	.05253	4.53+00	338.6	6.68+04	332.4	1.55+05
660218	36884	3A	.05789	.05699	3.69+00	339.8	6.45+04	333.7	1.61+05
660219	683	3B	.01103	.01158	5.25+00	312.3	3.34+04	312.5	1.63+05
660219	15275	3B	.01965	.01888	5.84+00	315.5	3.39+04	319.1	1.17+05
660219	30635	3B	.01266	.01130	6.37+00	350.1	5.23+04	350.0	2.98+05
660219	30891	3B	.00966	.00834	9.14+00	342.6	5.76+04	343.2	2.56+05
660219	31147	3B	.00940	.00986	8.83+00	343.4	5.36+04	348.1	2.42+05
660219	31403	3B	.01154	.01135	9.01+00	340.5	5.49+04	340.4	2.59+05
660219	31659	3B	.01178	.01042	9.20+00	344.7	5.64+04	350.1	3.49+05
660219	31915	3B	.01179	.01028	8.57+00	343.9	6.06+04	344.9	2.89+05
660219	32171	3B	.01139	.01095	9.25+00	347.2	5.74+04	350.1	2.18+05
660219	43947	3B	.00790	.00891	1.28+01	350.8	8.83+04	355.9	2.74+05
660219	44203	3B	.00870	.00974	1.23+01	349.9	7.91+04	360.5	2.45+05
660219	44715	3B	.00982	.01044	1.29+01	354.6	8.49+04	367.1	2.84+05
660219	44971	3B	.01216	.01328	1.21+01	365.9	8.26+04	364.1	3.04+05
660219	45227	3B	.00994	.01100	1.22+01	357.0	8.37+04	364.9	2.84+05
660219	45483	3B	.01109	.01158	1.24+01	358.0	8.45+04	367.1	3.38+05
660219	66988	3B	.00695	.04168	1.62+01	494.5	4.43+05	572.7	1.07+06
660219	67244	3B	.00952	.03347	1.52+01	504.8	4.74+05	556.8	8.43+05
660219	83372	3B	.00793	.02250	9.28+00	500.6	2.34+05	507.4	4.35+05
660219	83628	3B	.00757	.00903	8.60+00	499.5	2.54+05	553.5	8.30+05
660219	83884	3B	.01129	.03201	7.97+00	494.0	2.48+05	550.1	1.49+06
660219	84140	3B	.00705	.04440	8.61+00	497.6	3.01+05	576.4	1.16+06
660219	84652	3B	.00577	.02744	1.09+01	501.6	2.86+05	506.9	4.04+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
660211	50969	3A	.03139	.03413	1.54+01	368.6	1.10+05	373.2	3.08+05
660212	35480	3A	.00280	.00232	2.73+00	402.0	1.12+05	410.9	5.78+05
660212	35736	3A	.00245	.00255	4.78+00	386.6	1.12+05	418.9	4.44+05
660212	37272	3A	.00309	.00301	4.63+00	397.6	9.23+04	425.5	6.47+05
660212	37528	3A	.00315	.00322	5.51+00	404.3	8.06+04	416.9	5.06+05
660212	37784	3A	.00393	.00373	4.32+00	400.7	8.74+04	416.5	3.42+05
660212	55704	3A	.00214	.00207	4.56+00	430.9	7.64+04	458.3	1.32+06
660212	55960	3A	.00240	.00238	4.52+00	437.7	8.08+04	460.7	7.75+05
660212	57496	3A	.00212	.00208	4.08+00	446.4	6.87+04	457.6	5.54+05
660212	57752	3A	.00395	.00394	3.71+00	444.6	7.32+04	460.7	9.05+05
660212	76184	3A	.00270	.00260	3.99+00	385.1	5.38+04	399.9	3.88+05
660212	76696	3A	.00316	.00330	3.36+00	388.6	6.18+04	415.3	5.29+05
660213	54039	3A	.05232	.05561	4.85+00	351.6	6.88+04	353.1	2.88+05
660214	44330	3B	.03760	.03916	3.75+00	365.8	6.45+04	363.6	2.34+05
660214	44842	3B	.05578	.05517	2.53+00	356.7	3.09+04	354.3	2.28+05
660214	45098	3B	.03879	.04010	4.02+00	370.7	5.06+04	373.4	2.46+05
660214	45866	3B	.04437	.04463	4.22+00	363.4	5.23+04	381.7	2.35+05
660214	46122	3B	.03797	.03840	4.10+00	375.3	6.12+04	379.3	2.68+05
660214	56106	3B	.03742	.03678	2.96+00	361.1	5.69+04	379.4	2.40+05
660214	56874	3B	.02826	.02792	5.04+00	366.0	5.30+04	363.7	1.63+05
660214	56922	3B	.04510	.04484	3.59+00	361.7	4.93+04	365.4	2.20+05
660214	59178	3B	.04185	.04087	5.35+00	354.4	6.99+04	359.4	3.07+05
660214	75818	3B	.02067	.02298	4.21+00	343.5	5.16+04	342.9	1.84+05
660214	76074	3B	.01711	.01841	4.40+00	341.4	5.10+04	339.5	2.02+05
660214	76330	3B	.01765	.01304	4.17+00	341.2	4.89+04	329.7	1.29+05
660214	76642	3B	.01514	.01213	4.41+00	341.4	4.93+04	332.0	1.55+05
660214	79146	3B	.02003	.01993	4.01+00	336.9	5.10+04	330.8	1.44+05
660214	79402	3B	.01659	.01894	4.00+00	336.5	4.90+04	331.6	1.64+05
660214	79656	3B	.02583	.02492	4.13+00	336.2	4.90+04	330.3	1.64+05
660215	682	3B	.01399	.01796	4.21+00	316.7	5.73+04	314.0	1.53+05
660215	938	3B	.01132	.01455	4.42+00	319.8	6.12+04	313.8	1.14+05
660215	4910	3B	.01362	.01749	6.26+00	304.5	4.58+04	310.0	1.55+05
660215	21162	3B	.01176	.01454	7.18+00	301.6	4.51+04	302.3	1.32+05
660215	21418	3B	.01194	.01290	4.73+00	297.4	4.17+04	297.8	1.19+05
660215	22186	3B	.01146	.01283	6.43+00	302.8	4.15+04	298.3	1.11+05
660215	22698	3B	.00733	.00859	6.71+00	301.1	4.73+04	299.0	1.54+05
660215	22954	3B	.01195	.01458	6.80+00	294.2	4.30+04	294.6	1.31+05
660215	23210	3B	.00975	.01287	7.01+00	302.5	4.61+04	298.4	1.12+05
660215	23466	3B	.01408	.01545	4.82+00	304.3	3.84+04	298.2	1.27+05
660215	26026	3B	.01420	.01190	6.39+00	311.1	3.48+04	303.1	1.36+05
660215	26282	3B	.01455	.01562	6.39+00	311.7	3.53+04	305.6	4.54+04
660215	26538	3B	.00992	.00998	6.47+00	312.5	3.42+04	312.5	1.19+05
660215	26794	3B	.01642	.01432	5.74+00	313.5	3.17+04	305.3	1.50+05
660215	61354	3B	.01255	.01164	7.47+00	347.1	4.64+04	332.6	1.46+05
660215	61610	3B	.01208	.01174	7.73+00	346.1	4.84+04	338.7	1.88+05
660215	61866	3B	.01274	.01247	7.75+00	346.9	4.90+04	340.4	2.08+05
660215	62634	3B	.03438	.03400	2.81+00	363.7	1.77+04	343.2	1.86+05
660215	64938	3B	.01377	.01368	6.20+00	342.5	4.52+04	342.2	1.90+05
660215	76202	3B	.03110	.03030	9.66+00	363.7	6.42+04	381.5	2.72+05
660215	76714	3B	.04210	.04099	8.47+00	388.6	7.97+04	388.5	2.91+05
660215	77226	3B	.05002	.05000	8.85+00	378.7	1.01+05	378.9	2.66+05
660215	78250	3B	.01873	.01899	1.37+01	362.5	1.13+05	388.9	3.00+05
660215	78762	3B	.02367	.02408	1.11+01	376.3	1.01+05	385.9	3.12+05
660216	70997	3A	.03893	.03860	5.50+00	338.6	3.85+04	336.4	1.20+05
660216	71253	3A	.03961	.03810	5.49+00	339.4	4.01+04	334.2	1.34+05
660216	71957	3A	.04994	.04911	4.67+00	347.9	2.14+04	330.0	1.31+05
660217	661	3A	.06601	.06419	2.85+00	321.6	1.80+04	314.7	1.58+05
660217	917	3A	.04496	.04488	5.65+00	324.4	3.50+04	327.3	8.99+04
660217	1429	3A	.04591	.04580	5.39+00	323.2	3.17+04	325.6	1.11+05
660217	3477	3A	.03642	.03651	5.67+00	327.1	4.05+04	326.6	1.06+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660205	70566	3B	.02062	.02161	5.36+00	445.1	1.22+05	441.8	4.86+05
660206	2086	3B	.03191	.03171	4.62+00	492.7	1.47+05	505.2	4.20+05
660206	3366	3B	.03228	.03385	4.54+00	504.0	1.79+05	528.8	4.86+05
660207	67867	3A	.01519	.01607	3.72+00	334.8	4.57+04	333.7	1.05+05
660207	68123	3A	.01909	.01941	3.45+00	334.7	5.04+04	332.1	9.22+04
660208	23963	3A	.01270	.01046	4.81+00	326.4	4.04+04	323.2	2.21+05
660208	24219	3A	.01528	.01492	4.46+00	328.8	4.02+04	321.5	1.63+05
660208	24475	3A	.01061	.01067	5.75+00	325.2	5.01+04	318.7	1.72+05
660208	35995	3A	.01903	.02074	5.89+00	320.8	3.46+04	320.9	6.34+04
660208	36251	3A	.02189	.02276	5.78+00	318.5	3.17+04	319.3	5.61+04
660208	39067	3A	.01587	.01683	6.39+00	320.2	3.01+04	321.2	8.84+04
660208	54939	3A	.01724	.01733	5.69+00	324.1	2.99+04	322.7	9.80+04
660208	55451	3A	.01458	.01458	5.46+00	321.5	3.12+04	323.6	1.12+05
660208	55707	3A	.01452	.01450	5.13+00	321.4	3.01+04	323.6	1.13+05
660208	58266	3A	.01714	.01699	5.55+00	322.5	3.09+04	322.1	1.40+05
660208	58523	3A	.01435	.01449	5.65+00	321.3	3.38+04	321.3	8.88+04
660208	58778	3A	.01618	.01620	5.82+00	323.1	3.46+04	316.9	1.32+05
660208	59034	3A	.01401	.01370	5.95+00	321.4	3.28+04	318.9	1.01+05
660208	77210	3A	.01191	.01216	6.53+00	318.8	3.66+04	327.2	9.49+04
660209	53671	3B	.01827	.01768	7.66+00	327.8	2.90+04	325.0	9.37+04
660209	53927	3B	.01941	.01936	7.71+00	325.3	3.00+04	324.8	7.34+04
660209	54163	3B	.01514	.01500	7.49+00	323.3	2.74+04	327.8	8.94+04
660209	54439	3B	.01743	.01739	6.80+00	327.0	2.79+04	332.2	1.30+05
660209	60071	3B	.01064	.01071	8.47+00	320.1	2.42+04	322.9	6.86+04
660209	60327	3B	.01415	.01374	8.81+00	321.0	2.43+04	322.2	1.25+05
660209	60583	3B	.01110	.01106	9.21+00	318.9	2.56+04	319.8	9.15+04
660209	84647	3B	.01298	.01256	9.21+00	307.6	2.11+04	306.1	8.94+04
660209	84903	3B	.00957	.00958	1.02+01	308.2	2.19+04	311.4	9.71+04
660209	85159	3B	.01640	.01642	9.25+00	307.2	2.15+04	309.0	6.11+04
660210	10535	3B	.01298	.01259	1.06+01	314.5	2.72+04	315.1	1.21+05
660210	10791	3B	.01374	.01359	1.15+01	312.6	2.62+04	315.4	1.15+05
660210	11047	3B	.01387	.01381	1.17+01	318.4	3.03+04	320.2	7.77+04
660210	11303	3B	.01032	.01024	1.17+01	317.6	2.86+04	320.0	9.34+04
660210	11559	3B	.01216	.01220	1.18+01	317.4	2.80+04	322.8	1.00+05
660210	12071	3B	.01102	.01097	1.14+01	318.0	2.71+04	319.0	9.90+04
660210	12327	3B	.01184	.01174	1.23+01	314.6	2.84+04	319.2	1.04+05
660210	12583	3B	.01526	.01532	1.13+01	315.4	2.51+04	315.2	1.19+05
660210	13607	3B	.01602	.01563	1.21+01	313.0	2.71+04	315.5	1.49+05
660210	13863	3B	.04235	.04210	4.12+00	313.7	4.11+04	314.5	1.04+05
660210	30504	3B	.02706	.02828	6.79+00	329.1	6.99+04	328.2	1.43+05
660210	30760	3B	.03122	.02734	6.76+00	326.5	6.35+04	321.7	1.65+05
660210	31016	3B	.03044	.02879	6.86+00	326.6	6.03+04	322.4	1.59+05
660210	31272	3B	.02518	.02407	9.96+00	332.4	4.52+04	324.1	2.34+05
660210	31528	3B	.01986	.01994	1.14+01	332.7	4.79+04	330.0	1.80+05
660210	31784	3B	.02625	.02903	7.36+00	327.5	5.65+04	323.8	1.51+05
660210	32040	3B	.02672	.02631	7.31+00	323.7	5.81+04	320.7	1.67+05
660210	32296	3B	.02920	.02765	7.73+00	325.7	5.62+04	320.9	2.07+05
660210	45096	3B	.00867	.00854	9.65+00	325.1	2.93+04	323.8	1.13+05
660210	45608	3B	.01231	.01215	1.01+01	324.7	2.90+04	326.7	4.97+04
660210	46120	3B	.00697	.00681	1.10+01	327.6	3.35+04	326.5	9.66+04
660210	46376	3B	.00882	.00870	1.03+01	325.3	3.22+04	328.4	9.69+04
660210	46632	3B	.01020	.01011	1.13+01	326.4	3.34+04	325.0	1.02+05
660210	59176	3B	.01135	.01141	6.11+00	320.3	2.83+04	323.4	6.50+04
660210	59432	3B	.00893	.00890	7.74+00	317.9	2.51+04	321.7	1.04+05
660210	59688	3B	.01002	.00995	6.47+00	326.0	2.92+04	324.3	9.58+04
660210	60200	3B	.00884	.00835	9.38+00	320.5	2.45+04	324.1	9.98+04
660210	60456	3B	.00905	.00898	1.00+01	317.9	2.77+04	321.8	9.10+04
660210	85288	3B	.00386	.00412	1.11+01	345.3	6.83+04	340.8	1.78+05
660211	50457	3A	.02072	.02046	1.56+01	371.7	1.17+05	376.0	2.37+05
660211	50713	3A	.03362	.03053	1.53+01	372.9	1.10+05	377.3	3.41+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660202	49822	3A	.04281	.04345	5.29+00	343.4	8.80+04	346.5	3.56+05
660202	64158	3A	.03661	.03598	5.07+00	350.0	6.55+04	349.4	2.44+05
660202	64414	3A	.03466	.03583	5.04+00	351.6	6.01+04	355.2	2.40+05
660202	64670	3A	.03001	.02750	5.24+00	356.3	5.77+04	354.4	2.93+05
660202	64926	3A	.03341	.03122	5.14+00	355.9	5.47+04	356.7	2.46+05
660202	73630	3A	.02537	.02520	5.99+00	348.1	4.15+04	350.4	1.83+05
660202	73886	3A	.02586	.02601	6.21+00	344.1	4.51+04	349.2	1.30+05
660202	74142	3A	.02351	.02149	6.07+00	341.6	3.90+04	338.8	2.97+05
660202	74398	3A	.02341	.02278	6.11+00	339.5	4.08+04	343.2	1.90+05
660202	74654	3A	.02665	.02846	5.68+00	336.5	4.27+04	341.7	1.65+05
660202	74910	3A	.02662	.02623	6.28+00	332.5	3.62+04	335.6	1.62+05
660202	75166	3A	.03118	.03075	5.63+00	330.7	4.15+04	329.7	1.55+05
660203	82222	3A	.01705	.01743	7.02+00	339.4	5.35+04	340.8	1.87+05
660203	8734	3A	.03061	.02752	5.34+00	324.5	6.35+04	317.6	2.51+05
660203	8990	3A	.02511	.02189	5.61+00	327.7	6.61+04	325.9	2.05+05
660203	9246	3A	.03077	.02826	6.41+00	325.3	5.98+04	321.4	2.26+05
660203	9758	3A	.02661	.02618	6.09+00	325.2	6.32+04	326.1	2.16+05
660203	10014	3A	.02285	.02327	5.90+00	328.4	6.70+04	331.2	2.65+05
660203	10270	3A	.01604	.01537	7.03+00	323.3	6.03+04	323.8	2.57+05
660203	30238	3A	.01628	.01600	7.15+00	331.4	7.83+04	332.3	1.95+05
660203	30750	3A	.03644	.02551	6.43+00	319.9	7.57+04	316.6	2.21+05
660203	55326	3A	.00630	.01388	7.44+00	417.3	1.53+05	434.2	4.25+05
660203	55562	3A	.00480	.02013	7.86+00	407.1	1.81+05	445.5	5.10+05
660203	74013	3A	.00139	.00479	4.76+00	443.2	1.75+05	441.8	4.25+05
660204	2461	3A	.00385	.02543	6.47+00	442.3	1.52+05	469.8	3.66+05
660204	17309	3A	.00472	.00494	7.26+00	500.2	2.00+05	518.6	5.38+05
660204	17585	3A	.00610	.01160	6.73+00	519.3	1.93+05	537.8	7.17+05
660204	17621	3A	.00552	.00594	7.35+00	510.5	2.24+05	526.9	6.49+05
660204	18077	3A	.00651	.00663	7.37+00	491.3	1.79+05	510.1	6.29+05
660204	18333	3A	.00416	.00429	7.63+00	493.4	1.77+05	524.9	5.96+05
660204	18569	3A	.00306	.00293	7.57+00	498.6	2.00+05	537.6	6.07+05
660204	83749	3B	.03074	.03482	3.80+00	559.4	1.46+05	550.9	9.35+05
660204	84005	3B	.03351	.03125	4.05+00	556.2	1.48+05	549.2	7.83+05
660204	84261	3B	.03406	.03157	3.82+00	558.3	1.50+05	550.7	7.84+05
660204	84773	3B	.03503	.03597	3.80+00	549.8	1.40+05	556.9	8.24+05
660204	85029	3B	.03328	.03068	3.98+00	545.1	1.55+05	548.4	8.46+05
660204	85285	3B	.03231	.03345	3.86+00	538.0	1.49+05	550.2	6.12+05
660205	165	3B	.03270	.03211	4.12+00	555.3	1.61+05	557.3	6.05+05
660205	21925	3B	.02141	.01817	4.78+00	477.9	1.18+05	495.9	8.63+05
660205	22161	3B	.02485	.02411	4.17+00	488.3	1.31+05	508.2	8.84+05
660205	24998	3B	.03113	.03104	4.65+00	507.4	1.04+05	517.9	4.80+05
660205	25509	3B	.02784	.02708	5.27+00	511.9	1.77+05	516.8	9.06+05
660205	34982	3B	.02485	.02388	4.53+00	510.3	8.58+04	512.6	5.65+05
660205	35238	3B	.03196	.02958	3.98+00	480.6	1.02+05	487.6	8.56+05
660205	35750	3B	.02234	.02175	4.04+00	488.5	1.12+05	479.5	4.06+05
660205	36006	3B	.02397	.02467	4.53+00	461.6	1.08+05	477.6	4.67+05
660205	38054	3B	.02341	.02384	4.60+00	466.0	1.04+05	477.4	6.65+05
660205	38310	3B	.02653	.02538	5.17+00	471.0	9.44+04	473.2	6.70+05
660205	49598	3B	.03054	.03026	4.45+00	484.9	1.13+05	489.9	4.57+05
660205	50854	3B	.02929	.02944	4.82+00	463.8	1.19+05	478.2	6.16+05
660205	51110	3B	.02974	.02838	4.66+00	469.2	1.08+05	471.9	6.86+05
660205	51366	3B	.02811	.02860	4.62+00	467.7	1.19+05	478.4	5.57+05
660205	51678	3B	.02432	.02371	4.70+00	462.8	1.11+05	470.2	5.62+05
660205	52134	3B	.02960	.02762	4.74+00	462.0	1.08+05	467.6	6.77+05
660205	54182	3B	.03051	.02798	4.54+00	462.3	1.34+05	466.8	7.07+05
660205	54438	3B	.03098	.03088	4.60+00	470.9	1.10+05	468.0	5.38+05
660205	66726	3B	.01597	.01531	4.62+00	437.5	8.00+04	434.7	2.54+05
660205	66982	3B	.01862	.01797	4.47+00	437.0	8.32+04	450.9	5.69+05
660205	70054	3B	.01472	.01454	5.95+00	445.8	1.24+05	454.1	5.14+05
660205	70310	3B	.01862	.01859	5.43+00	433.7	1.16+05	444.5	6.10+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660122	70560	3B	.01862	.01888	5.39+00	532.2	1.24+05	519.6	2.98+05
660122	70816	3B	.01817	.01722	4.66+00	533.8	1.31+05	541.6	5.42+05
660124	25508	3A	.01340	.01403	3.63+00	584.7	1.95+05	527.5	7.70+05
660124	25764	3A	.01332	.01533	3.80+00	494.7	2.36+05	535.7	7.55+05
660124	26020	3A	.01218	.01310	4.26+00	494.6	2.09+05	528.2	6.33+05
660124	41123	3A	.02190	.01958	3.24+00	533.9	2.32+05	562.6	8.32+05
660124	41379	3A	.01909	.01913	2.91+00	533.8	2.35+05	569.0	7.89+05
660124	64163	3A	.02036	.02231	3.81+00	560.3	2.07+05	604.0	1.32+06
660124	64419	3A	.02407	.02425	3.24+00	555.9	2.35+05	612.2	1.37+06
660125	17699	3A	.01981	.01963	2.97+00	571.2	2.01+05	607.7	9.18+05
660125	18467	3A	.02108	.02111	2.77+00	567.7	1.72+05	588.3	1.02+06
660125	18723	3A	.01872	.01938	2.88+00	568.8	1.84+05	598.0	7.69+05
660125	18979	3A	.01952	.02012	2.91+00	568.9	1.98+05	602.3	9.02+05
660125	19235	3A	.02241	.02213	2.76+00	566.5	2.07+05	603.2	8.94+05
660125	19491	3A	.01840	.01834	2.08+00	540.7	1.75+05	597.5	9.68+05
660125	30499	3A	.00669	.00691	4.53+00	570.1	2.61+05	616.6	1.03+06
660125	31011	3A	.01333	.01317	2.96+00	577.4	1.95+05	586.7	1.11+06
660126	67746	3B	.04075	.04290	4.83+00	581.8	2.26+05	599.9	9.40+05
660126	68002	3B	.04340	.04595	4.32+00	581.8	2.19+05	606.4	8.53+05
660126	68258	3B	.03378	.03353	4.75+00	588.8	2.18+05	609.6	8.81+05
660126	68514	3B	.04043	.04081	4.09+00	587.1	2.08+05	596.6	9.36+05
660126	69026	3B	.03633	.03473	4.55+00	601.0	2.39+05	597.8	8.75+05
660126	71074	3B	.04760	.05265	3.14+00	563.5	2.17+05	602.9	9.40+05
660126	84898	3B	.05183	.05263	3.89+00	559.3	1.74+05	574.0	7.71+05
660126	85154	3B	.04848	.04967	3.03+00	561.2	1.72+05	573.4	9.15+05
660126	85410	3B	.04289	.03918	3.23+00	558.1	1.76+05	571.6	7.52+05
660126	85922	3B	.04531	.04627	3.12+00	554.8	1.78+05	575.4	8.77+05
660126	86178	3B	.04614	.04183	3.15+00	552.7	1.69+05	570.5	8.94+05
660127	2082	3B	.03681	.03837	2.53+00	545.4	1.59+05	580.7	6.62+05
660128	61633	3A	.02150	.02145	6.64+00	390.5	3.17+04	397.9	1.06+05
660128	77505	3A	.01162	.01188	1.82+01	400.3	8.89+04	403.5	2.30+05
660129	22081	3A	.01767	.01624	8.21+00	378.7	1.03+05	389.1	2.98+05
660129	25865	3A	.02340	.02369	8.24+00	379.8	7.73+04	389.9	2.62+05
660129	63297	3A	.02192	.02381	9.33+00	357.9	8.63+04	369.7	3.37+05
660129	63553	3A	.02091	.02321	9.47+00	356.6	8.70+04	374.8	3.60+05
660129	64321	3A	.01881	.01992	8.45+00	359.5	8.86+04	371.2	3.78+05
660129	66369	3A	.02382	.02323	8.16+00	365.7	8.28+04	368.7	3.76+05
660129	66625	3A	.02012	.02170	8.51+00	363.4	8.92+04	373.5	3.48+05
660129	66881	3A	.02233	.01970	7.88+00	363.9	9.02+04	373.5	3.43+05
660129	72257	3A	.01842	.01694	7.20+00	357.8	7.45+04	360.7	3.33+05
660129	72513	3A	.02163	.02389	6.62+00	358.3	7.53+04	367.5	3.50+05
660129	73281	3A	.02117	.01833	6.92+00	360.6	8.38+04	372.0	3.25+05
660129	75585	3A	.02151	.01982	7.76+00	361.1	8.19+04	365.2	3.67+05
660129	75841	3A	.01683	.01805	7.23+00	357.4	8.81+04	370.9	2.97+05
660129	76097	3A	.01969	.01529	6.99+00	356.6	8.49+04	365.1	3.51+05
660130	9920	3A	.01423	.01448	5.87+00	344.3	5.37+04	344.9	1.96+05
660130	10177	3A	.01444	.01261	5.85+00	344.1	5.82+04	348.4	3.30+05
660130	10433	3A	.01180	.01281	6.33+00	345.1	5.04+04	348.3	1.76+05
660130	11200	3A	.01040	.00891	6.64+00	344.6	4.89+04	343.0	2.32+05
660130	24512	3A	.00873	.00930	6.68+00	342.5	6.28+04	343.4	1.33+05
660130	24768	3A	.00927	.00932	7.08+00	338.6	6.65+04	355.8	2.42+05
660130	27840	3A	.00808	.00775	6.53+00	341.8	6.00+04	349.1	1.67+05
660130	40128	3A	.00684	.00750	6.64+00	358.0	8.64+04	375.4	4.64+05
660130	40384	3A	.00437	.00419	6.69+00	357.3	7.26+04	371.4	1.45+05
660130	40806	3A	.00437	.00412	6.47+00	355.4	7.30+04	367.4	1.48+05
660130	43712	3A	.00282	.00305	6.77+00	330.6	1.03+05	358.8	1.73+05
660201	6820	3B	.01620	.01606	5.87+00	329.0	4.75+04	334.9	1.73+05
660201	7844	3B	.01699	.01739	5.12+00	333.7	6.26+04	334.7	1.33+05
660201	8100	3B	.04158	.04234	3.66+00	332.8	3.36+04	330.7	1.53+05
660202	48798	3A	.03669	.03639	5.87+00	333.0	6.99+04	338.5	2.49+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660119	65334	3A	.02950	.02670	7.80+00	326.7	5.57+04	331.5	2.77+05
660119	55590	3A	.02876	.02583	7.26+00	330.0	6.11+04	328.8	2.11+05
660119	67126	3A	.02996	.02985	7.84+00	339.5	6.68+04	346.2	2.53+05
660119	74022	3A	.03029	.02997	7.47+00	358.5	5.58+04	357.9	1.54+05
660119	74278	3A	.02763	.02603	6.78+00	354.3	5.32+04	356.2	2.29+05
660119	74534	3A	.03522	.03257	7.20+00	355.6	5.46+04	356.0	2.74+05
660119	74790	3A	.03457	.03527	7.92+00	357.7	5.77+04	360.1	2.10+05
660119	76070	3A	.03303	.03184	7.98+00	357.0	5.30+04	357.4	1.75+05
660120	4518	3A	.02277	.02172	7.61+00	338.1	6.01+04	339.5	2.66+05
660120	4774	3A	.02477	.02466	6.11+00	339.5	5.78+04	342.2	2.11+05
660120	5030	3A	.02230	.02166	6.78+00	337.3	6.88+04	341.2	2.40+05
660120	7590	3A	.02395	.02428	1.54+01	393.0	1.16+05	400.3	3.63+05
660120	7846	3A	.01479	.01708	1.63+01	385.6	1.31+05	412.6	3.14+05
660120	7846	3A	.01479	.01708	1.63+01	385.6	1.31+05	412.6	3.14+05
660120	14502	3A	.00920	.00892	1.34+01	363.9	1.84+05	375.5	5.75+04
660120	14758	3A	.02009	.02054	1.34+01	372.8	1.66+05	393.6	3.11+05
660120	15014	3A	.01421	.01555	1.33+01	372.1	1.71+05	412.7	3.40+05
660120	15270	3A	.02005	.02077	1.27+01	368.4	1.59+05	390.5	2.95+05
660120	17830	3A	.02927	.02296	1.35+01	374.4	1.35+05	387.4	4.20+05
660120	18086	3A	.02119	.02227	1.54+01	377.8	1.54+05	395.1	2.81+05
660120	18342	3A	.02596	.02177	1.46+01	376.2	1.45+05	389.9	4.20+05
660120	18598	3A	.02630	.02540	1.48+01	375.0	1.37+05	399.0	3.73+05
660120	18854	3A	.01806	.01771	1.48+01	374.4	1.61+05	406.5	2.32+05
660120	19110	3A	.02641	.02685	1.51+01	373.8	1.25+05	386.9	4.69+05
660120	19366	3A	.02953	.02906	1.50+01	369.2	1.24+05	382.3	3.63+05
660120	19622	3A	.02969	.03005	1.55+01	369.7	1.24+05	383.8	3.79+05
660120	19878	3A	.03235	.03209	1.48+01	370.4	1.13+05	382.4	3.62+05
660120	20134	3A	.02790	.02854	1.43+01	369.5	1.10+05	383.8	3.15+05
660120	34981	3A	.00920	.02100	1.34+01	359.7	8.48+04	350.9	1.40+05
660120	35237	3A	.00725	.01643	7.40+00	367.9	8.68+04	381.5	3.82+05
660120	35493	3A	.01184	.02662	7.77+00	361.4	9.00+04	356.5	2.48+05
660120	36261	3A	.01665	.03994	6.36+00	354.9	1.10+05	359.2	2.99+05
660120	38053	3A	.01382	.03833	6.48+00	355.0	1.18+05	361.8	3.25+05
660120	38309	3A	.01669	.04957	6.50+00	356.4	1.11+05	361.3	3.06+05
660120	38565	3A	.01505	.03890	6.09+00	356.1	1.09+05	361.9	3.33+05
660120	38821	3A	.01731	.04562	6.07+00	355.5	1.18+05	364.7	3.10+05
660121	52512	3B	.02288	.02110	1.63+01	476.0	1.43+05	479.4	6.13+05
660121	53792	3B	.02684	.02374	8.40+00	474.4	1.31+05	476.9	6.77+05
660121	69408	3B	.03589	.03413	7.83+00	466.6	1.01+05	469.9	5.37+05
660121	69920	3B	.03648	.03640	6.93+00	462.5	9.07+04	469.2	3.36+05
660121	70176	3B	.03972	.03711	7.62+00	465.7	9.85+04	484.0	5.16+05
660121	70432	3B	.03686	.03570	6.13+00	467.8	9.09+04	473.1	4.39+05
660121	70688	3B	.03298	.03271	7.85+00	464.1	8.80+04	468.7	3.43+05
660121	80928	3B	.04589	.04359	8.37+00	462.0	8.05+04	482.6	3.85+05
660121	81184	3B	.06215	.05986	7.98+00	465.3	7.13+04	482.7	2.92+05
660121	81440	3B	.04297	.04374	9.72+00	463.5	8.34+04	480.3	3.61+05
660121	81698	3B	.06585	.06416	7.60+00	473.1	7.12+04	488.4	2.64+05
660122	27040	3B	.02666	.02669	1.38+01	558.6	1.61+05	545.9	2.80+05
660122	27808	3B	.04936	.04854	1.15+01	541.2	1.38+05	548.8	3.39+05
660122	38048	3B	.03566	.03558	5.81+00	534.3	7.08+04	532.0	3.22+05
660122	38304	3B	.06293	.06287	5.70+00	534.2	6.83+04	532.5	3.30+05
660122	38560	3B	.03986	.03989	5.73+00	531.9	6.34+04	535.0	3.20+05
660122	38816	3B	.03884	.03803	5.94+00	534.2	6.46+04	532.5	4.11+05
660122	39328	3B	.04481	.04411	5.67+00	534.5	6.08+04	535.1	3.48+05
660122	52384	3B	.01169	.01051	6.24+00	559.8	1.39+05	557.8	6.61+05
660122	52806	3B	.01918	.01917	5.65+00	558.9	1.33+05	560.6	8.01+05
660122	53152	3B	.02713	.02774	4.68+00	555.9	1.28+05	558.7	5.10+05
660122	53408	3B	.06127	.06095	7.25+00	574.7	1.04+05	576.9	4.40+05
660122	53664	3B	.05897	.05910	6.26+00	573.3	1.48+05	574.2	5.32+05
660122	70304	3B	.03233	.03351	2.44+00	537.7	8.04+04	534.5	6.25+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660117	47134	3B	.01541	.01489	4.79+00	288.0	1.91+04	267.6	1.34+05
660117	47390	3B	.02946	.02945	5.10+00	302.0	3.01+04	313.0	1.50+05
660117	51742	3B	.01538	.01531	5.20+00	303.3	2.89+04	305.7	1.04+05
660117	52510	3B	.01379	.01362	6.78+00	313.3	3.48+04	312.7	1.21+05
660117	55070	3B	.01720	.01731	5.65+00	304.3	3.92+04	301.1	1.07+05
660117	56862	3B	.01703	.01703	9.87+00	287.0	5.70+04	312.4	1.39+05
660117	59678	3B	.01313	.01359	9.76+00	300.6	3.83+04	309.3	1.48+05
660117	61470	3B	.02675	.02675	7.69+00	327.5	2.98+04	323.9	1.36+05
660117	61726	3B	.02467	.02434	6.60+00	311.8	3.99+04	311.3	1.21+05
660117	61726	3B	.02465	.02431	8.61+00	311.8	4.00+04	311.3	1.21+05
660117	61982	3B	.02189	.02143	8.71+00	311.5	4.12+04	313.7	1.77+05
660117	62238	3B	.02517	.02535	8.60+00	315.2	4.11+04	317.1	1.77+05
660117	64030	3B	.00748	.00711	1.06+01	321.8	4.61+04	310.9	1.28+05
660117	64542	3B	.01400	.01562	9.46+00	315.7	5.30+04	311.3	1.47+05
660117	66078	3B	.04656	.04695	6.69+00	301.3	5.02+04	309.0	1.09+05
660117	66334	3B	.03214	.03035	5.62+00	302.4	2.79+04	306.1	2.65+05
660117	66590	3B	.02910	.02859	5.76+00	300.9	3.99+04	311.6	7.02+04
660117	66846	3B	.02632	.02638	6.96+00	309.0	2.87+04	310.1	1.14+05
660117	67102	3B	.03466	.03480	5.82+00	321.7	3.03+04	319.9	1.39+05
660117	68638	3B	.03237	.03295	7.95+00	332.8	3.32+04	320.1	1.76+05
660117	68894	3B	.02268	.02280	7.21+00	309.9	3.59+04	319.5	9.87+04
660117	69150	3B	.01203	.01222	1.13+01	301.6	3.08+04	314.6	1.16+05
660117	71199	3B	.02594	.02518	1.04+01	322.5	4.53+04	316.3	1.23+05
660117	71454	3B	.04599	.04767	8.20+00	323.6	4.15+04	318.6	1.47+05
660117	71966	3B	.00949	.00905	1.02+01	320.5	3.88+04	325.3	1.17+05
660117	73248	3B	.03455	.03462	1.08+01	313.6	3.73+04	313.0	1.09+05
660117	76062	3B	.02910	.02863	7.90+00	310.9	3.92+04	326.6	1.71+05
660117	76318	3B	.03341	.03418	7.93+00	319.4	4.10+04	308.3	1.14+05
660117	78111	3B	.02567	.02589	8.38+00	302.4	3.23+04	324.6	2.99+05
660117	78622	3B	.02252	.02181	9.99+00	306.6	4.08+04	304.4	1.27+05
660117	79135	3B	.01832	.01837	1.13+01	309.9	3.98+04	312.1	1.04+05
660117	80671	3B	.03573	.03569	1.20+01	307.0	4.39+04	306.1	9.47+04
660117	80927	3B	.03241	.03234	1.19+01	307.7	4.13+04	306.5	9.27+04
660117	81439	3B	.04004	.03996	1.20+01	305.0	4.00+04	305.9	1.09+05
660117	82975	3B	.04046	.03960	1.18+01	299.7	3.96+04	301.5	1.06+05
660117	83231	3B	.03170	.03167	1.21+01	302.0	3.80+04	303.4	1.01+05
660117	83999	3B	.02589	.02568	1.16+01	303.1	3.36+04	305.6	7.17+04
660117	85279	3B	.02432	.02440	1.31+01	312.3	3.74+04	312.9	7.67+04
660117	85535	3B	.02800	.02814	1.13+01	311.4	4.27+04	308.7	1.10+05
660117	86047	3B	.02476	.02508	1.16+01	309.9	4.36+04	312.4	9.43+04
660118	1695	3B	.01733	.01731	1.09+01	319.8	2.84+04	322.1	9.02+04
660118	1951	3B	.01745	.01743	1.17+01	321.3	2.99+04	324.8	9.44+04
660118	3999	3B	.03074	.03021	1.46+01	318.6	3.30+04	319.8	8.88+04
660118	4255	3B	.02501	.02481	1.43+01	318.5	3.47+04	321.9	9.41+04
660118	4767	3B	.03182	.03162	1.43+01	318.1	3.30+04	321.2	8.16+04
660118	6047	3B	.01794	.01797	1.84+01	313.0	3.04+04	313.9	8.81+04
660118	6559	3B	.02052	.02047	1.61+01	314.4	2.88+04	315.3	9.32+04
660118	6815	3B	.02115	.02116	1.59+01	315.1	2.83+04	312.2	8.40+04
660118	12703	3B	.01262	.01266	1.40+01	296.8	3.52+04	312.4	8.93+04
660119	31270	3A	.00737	.01277	8.00+00	324.7	8.08+04	315.8	7.11+04
660119	33830	3A	.01196	.01202	1.10+01	324.0	1.04+05	332.8	2.14+05
660119	34086	3A	.01624	.01618	9.17+00	323.5	1.01+05	330.0	2.84+05
660119	50470	3A	.02016	.01898	8.46+00	333.0	4.80+04	329.9	1.38+05
660119	50726	3A	.02194	.02169	8.26+00	336.4	5.17+04	339.5	1.76+05
660119	50982	3A	.02030	.02012	8.29+00	336.3	4.76+04	337.4	1.77+05
660119	52262	3A	.02128	.02068	7.35+00	334.6	4.70+04	336.0	1.53+05
660119	52518	3A	.01967	.01932	8.94+00	339.8	5.31+04	342.1	2.39+05
660119	53030	3A	.03316	.03366	8.76+00	321.6	5.71+04	317.9	2.21+05
660119	54822	3A	.02871	.02709	6.50+00	319.8	5.39+04	321.4	2.25+05
660119	55078	3A	.01973	.01991	7.38+00	319.4	5.31+04	327.4	1.42+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660112	76701	3B	.00365	.00557	7.25+00	322.4	2.95+04	322.0	1.70+05
660112	76957	3B	.00794	.00759	7.58+00	313.1	2.79+04	312.5	1.61+05
660112	77213	3B	.01265	.01245	4.47+00	320.2	4.05+04	325.4	1.83+05
660112	77469	3B	.00786	.00785	7.53+00	326.1	3.10+04	327.2	6.66+04
660112	77725	3B	.00616	.00610	8.58+00	326.5	3.34+04	327.3	1.49+05
660112	85405	3B	.00949	.00950	6.77+00	323.1	2.91+04	320.9	7.79+04
660112	85917	3B	.00987	.00968	6.71+00	323.2	3.07+04	320.0	1.04+05
660112	86173	3B	.00899	.00863	7.08+00	326.2	3.04+04	323.5	2.20+05
660113	285	3B	.00975	.00972	6.98+00	326.8	3.05+04	322.2	1.23+05
660113	541	3B	.01029	.01020	6.93+00	325.8	2.87+04	321.9	1.03+05
660114	33192	3A	.01050	.01074	1.57+01	327.8	5.40+04	320.3	1.78+05
660114	33446	3A	.01080	.00839	1.57+01	325.8	5.14+04	320.1	2.16+05
660114	36006	3A	.01268	.01523	6.63+00	292.8	3.83+04	294.6	1.21+05
660114	37544	3A	.00729	.00723	9.98+00	305.8	2.90+04	284.4	5.04+04
660114	40104	3A	.01776	.01788	6.62+00	285.8	2.71+04	268.1	1.04+05
660114	42920	3A	.01154	.01131	1.47+01	302.5	4.19+04	311.7	9.92+04
660114	52136	3A	.02325	.02322	1.05+01	330.6	3.00+04	330.1	6.56+04
660114	54184	3A	.02256	.02249	1.28+01	329.5	2.74+04	333.5	8.46+04
660114	54440	3A	.02234	.02224	7.65+00	328.9	2.20+04	332.5	5.51+04
660114	54696	3A	.00933	.00934	1.10+01	325.2	3.25+04	320.3	6.86+04
660114	55208	3A	.01067	.01044	6.93+00	322.6	6.33+04	331.6	7.81+04
660114	57000	3A	.02538	.02148	6.18+00	321.1	5.89+04	311.1	1.93+05
660114	77224	3A	.05983	.06066	3.80+00	342.6	5.86+04	343.4	1.74+05
660114	77480	3A	.08358	.08792	4.54+00	338.5	6.18+04	333.2	1.89+05
660114	77736	3A	.05418	.05556	4.27+00	340.1	7.27+04	342.0	1.64+05
660114	77992	3A	.04504	.04709	4.32+00	344.6	5.64+04	348.1	1.82+05
660114	78248	3A	.05150	.05182	4.40+00	343.9	5.73+04	343.1	2.02+05
660114	78504	3A	.05174	.04789	4.29+00	342.4	5.45+04	339.6	2.70+05
660114	78760	3A	.05573	.05460	4.53+00	337.5	4.94+04	335.3	1.69+05
660115	1632	3A	.01577	.01643	6.18+00	353.4	6.72+04	349.7	1.90+05
660115	2344	3A	.03376	.03158	5.14+00	350.0	6.65+04	341.2	2.12+05
660115	2600	3A	.06833	.05906	4.81+00	347.2	6.74+04	329.3	1.97+05
660115	2856	3A	.03113	.03146	6.71+00	352.7	6.49+04	345.0	2.20+05
660115	16168	3A	.05981	.06042	4.81+00	342.8	5.90+04	342.3	2.08+05
660115	16936	3A	.05175	.05219	5.42+00	322.4	4.94+04	328.7	1.72+05
660115	17448	3A	.06645	.06907	4.72+00	351.9	4.58+04	349.4	1.98+05
660115	17704	3A	.07783	.07196	4.85+00	346.4	6.35+04	344.7	3.52+05
660115	31272	3A	.04132	.03623	4.83+00	349.2	4.82+04	342.6	1.98+05
660115	31528	3A	.03741	.03820	3.24+00	338.2	5.98+04	342.5	2.44+05
660115	32296	3A	.03826	.03325	5.53+00	356.1	4.86+04	346.6	2.72+05
660115	45096	3A	.03318	.02900	5.91+00	342.9	4.59+04	327.8	2.26+05
660115	45608	3A	.02451	.02461	1.06+01	340.7	7.50+04	334.0	1.71+05
660115	45864	3A	.06863	.06933	5.64+00	345.5	3.95+04	342.3	3.80+05
660115	46120	3A	.03329	.03257	6.70+00	353.1	6.99+04	354.1	2.16+05
660115	46378	3A	.03537	.03222	6.48+00	354.5	6.39+04	348.2	2.40+05
660115	46632	3A	.03744	.03271	6.27+00	350.8	7.51+04	345.5	2.50+05
660115	73000	3A	.02023	.02094	6.36+00	328.9	5.38+04	329.5	2.03+05
660115	73256	3A	.01655	.01555	7.00+00	334.9	4.87+04	334.8	1.88+05
660115	73512	3A	.01621	.01770	7.04+00	334.0	4.73+04	338.3	2.00+05
660115	73768	3A	.01610	.01666	7.17+00	335.7	4.97+04	334.9	1.56+05
660115	74024	3A	.01559	.01511	6.87+00	338.1	4.85+04	342.7	2.76+05
660115	75560	3A	.01642	.01645	6.22+00	339.7	4.50+04	342.9	1.75+05
660115	75816	3A	.01627	.01627	6.19+00	338.4	4.85+04	344.9	1.67+05
660115	76072	3A	.01672	.01637	6.27+00	338.3	4.77+04	340.0	2.04+05
660115	76328	3A	.01367	.01355	6.30+00	338.0	4.61+04	343.4	1.88+05
660115	77864	3A	.01350	.01317	6.11+00	341.2	5.14+04	341.0	2.08+05
660117	45066	3B	.02328	.02255	5.74+00	300.5	3.24+04	301.8	1.37+05
660117	45342	3B	.02135	.02123	5.66+00	300.8	3.30+04	300.8	1.34+05
660117	45598	3B	.01778	.01776	5.37+00	300.3	3.34+04	304.0	1.05+05
660117	46878	3B	.02053	.02010	5.08+00	305.1	3.65+04	302.0	3.01+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660106	57260	3A	.01042	.01031	4.28+00	335.7	2.24+04	341.8	1.44+05
660108	411	3B	.01835	.01924	5.17+00	498.6	2.62+05	555.7	9.82+05
660108	667	3B	.01688	.01694	5.19+00	492.9	2.49+05	534.6	1.19+06
660108	923	3B	.01885	.05226	4.88+00	494.1	2.23+05	528.3	9.03+05
660108	1435	3B	.01606	.01824	5.54+00	489.5	2.16+05	530.7	7.78+05
660108	1691	3B	.01696	.02249	4.81+00	503.4	2.56+05	541.0	7.31+05
660108	1947	3B	.01672	.01560	5.71+00	498.5	2.57+05	546.8	1.19+06
660108	2203	3B	.01834	.04981	5.20+00	484.9	2.40+05	532.7	1.42+06
660108	2971	3B	.01863	.02235	4.17+00	491.2	2.20+05	525.1	6.43+05
660108	3227	3B	.01175	.01146	5.23+00	515.5	2.79+05	563.4	7.39+05
660108	3483	3B	.01654	.05912	5.92+00	504.0	2.46+05	542.9	9.51+05
660108	3739	3B	.01824	.02435	4.87+00	503.8	2.41+05	539.6	7.56+05
660108	3995	3B	.01601	.01690	4.88+00	516.7	2.45+05	548.7	1.01+06
660108	14235	3B	.01455	.01441	6.43+00	465.3	2.07+05	502.7	6.66+05
660108	43931	3B	.05090	.05669	6.39+00	472.3	1.68+05	468.3	3.92+05
660109	51754	3A	.02881	.03482	8.22+00	417.7	1.69+05	436.4	3.71+05
660109	52010	3A	.02922	.03181	8.32+00	421.3	1.64+05	439.3	4.17+05
660109	54570	3A	.02149	.02032	9.49+00	408.3	1.68+05	402.3	4.03+05
660109	54826	3A	.01603	.01780	7.16+00	432.1	1.35+05	426.1	2.82+05
660109	55082	3A	.02760	.02836	5.11+00	409.5	8.22+04	431.2	4.63+05
660109	58922	3A	.02013	.02026	5.67+00	443.1	1.07+05	446.3	3.77+05
660109	59178	3A	.02365	.02136	5.82+00	441.3	1.11+05	435.3	4.69+05
660109	59434	3A	.03706	.03468	6.04+00	442.1	1.52+05	441.6	4.83+05
660109	59690	3A	.02967	.02987	5.35+00	445.9	1.18+05	446.5	3.78+05
660109	61482	3A	.03090	.03182	5.58+00	437.4	1.36+05	443.6	3.86+05
660109	61738	3A	.03121	.03142	5.21+00	436.9	1.21+05	442.9	4.48+05
660109	61994	3A	.02785	.02867	5.45+00	435.1	1.36+05	445.9	5.60+05
660109	64298	3A	.03058	.03103	5.47+00	433.7	1.29+05	443.8	4.34+05
660109	64810	3A	.03771	.03556	5.25+00	438.8	1.22+05	441.2	4.98+05
660109	66090	3A	.03158	.03101	5.72+00	439.6	1.53+05	455.3	4.94+05
660109	66346	3A	.04034	.03996	2.08+00	439.6	5.05+04	418.8	3.37+05
660109	66858	3A	.01607	.01866	4.67+00	433.6	1.07+05	440.8	4.69+05
660109	67114	3A	.05938	.06150	3.79+00	407.7	3.12+05	436.7	6.31+05
660109	68650	3A	.03937	.03480	5.00+00	440.0	1.32+05	438.7	6.47+05
660109	68908	3A	.02657	.02775	5.09+00	434.2	1.39+05	450.0	5.17+05
660109	69286	3A	.03986	.03968	4.02+00	482.5	1.46+05	485.8	4.85+05
660109	83242	3A	.04052	.03916	4.05+00	481.8	1.46+05	482.3	4.27+05
660109	83498	3A	.04270	.04557	4.53+00	471.6	1.39+05	485.3	4.58+05
660109	83754	3A	.10119	.10113	3.23+00	463.3	9.99+04	478.5	7.33+05
660109	84010	3A	.07964	.08043	3.07+00	466.0	1.13+05	475.8	4.92+05
660109	85290	3A	.05807	.05768	1.99+00	427.5	1.68+05	447.8	5.41+05
660110	15274	3A	.04457	.04390	3.00+00	461.9	1.22+05	467.3	4.19+05
660110	16042	3A	.04889	.05034	2.68+00	452.5	7.16+04	455.2	5.49+05
660110	17834	3A	.04645	.04608	3.45+00	440.9	1.08+05	448.2	3.35+05
660110	18346	3A	.04100	.04038	4.81+00	431.0	1.12+05	439.5	3.39+05
660110	29354	3A	.04383	.04550	4.79+00	426.4	1.29+05	448.1	3.63+05
660110	41642	3A	.02837	.02814	3.97+00	434.7	1.01+05	443.1	3.03+05
660110	41898	3A	.03086	.03188	3.99+00	440.3	1.11+05	445.7	3.55+05
660110	42154	3A	.02019	.02197	4.63+00	430.7	1.36+05	431.0	2.54+05
660110	62634	3A	.03293	.03138	3.92+00	409.7	8.71+04	425.8	4.09+05
660110	62890	3A	.03402	.03532	3.70+00	406.7	9.26+04	423.4	3.14+05
660110	63148	3A	.03055	.03201	3.86+00	413.0	8.42+04	420.3	2.38+05
660110	66218	3A	.03223	.03059	4.26+00	409.3	1.09+05	421.5	4.04+05
660110	66474	3A	.02510	.02488	4.42+00	407.8	1.05+05	420.4	2.25+05
660110	73642	3A	.01864	.02214	3.59+00	306.8	9.87+04	415.7	3.77+05
660112	62365	3R	.00647	.00634	8.71+00	317.9	1.78+04	325.2	6.39+04
660112	62621	3R	.01489	.01398	7.77+00	331.7	2.55+04	323.5	7.07+04
660112	62877	3R	.02637	.02624	3.63+00	331.3	2.51+04	333.7	6.42+04
660112	76189	3R	.00735	.00706	8.05+00	324.1	3.33+04	319.5	1.47+05
660112	76445	3R	.00875	.00876	7.99+00	317.9	3.21+04	322.9	1.94+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
660101	62222	3A	.01580	.01550	8.09+00	334.5	3.68+04	336.6	1.48+05
660102	2990	3A	.01649	.01771	1.07+01	340.7	3.60+04	341.4	1.72+05
660102	3246	3A	.01730	.01747	1.02+01	340.2	3.74+04	345.5	1.49+05
660102	4270	3A	.01810	.01750	1.17+01	340.9	3.82+04	342.4	1.93+05
660102	4526	3A	.01721	.01709	1.11+01	338.7	4.09+01	343.6	1.79+05
660102	6574	3A	.01154	.01166	7.28+00	330.4	4.40+04	334.0	1.74+05
660102	6830	3A	.01537	.01516	8.18+00	326.6	8.44+04	333.1	1.79+05
660102	18094	3A	.02209	.02203	1.25+01	334.8	3.00+04	339.8	1.05+05
660102	21678	3A	.01825	.01690	1.39+01	334.2	5.92+04	331.4	1.91+05
660102	44185	3B	.03292	.03400	1.29+01	366.5	9.18+04	371.0	2.86+05
660102	46281	3B	.01863	.02279	1.13+01	366.6	1.86+05	385.1	2.56+05
660102	46793	3B	.02387	.02700	1.04+01	371.4	1.20+05	375.3	2.79+05
660102	49049	3B	.01814	.01868	1.09+01	366.9	1.09+05	377.1	3.63+05
660102	50585	3B	.02149	.02154	1.26+01	366.5	1.03+05	380.0	2.55+05
660102	51097	3B	.02428	.02489	1.03+01	381.3	9.34+04	392.6	3.25+05
660102	51353	3B	.02511	.02497	1.04+01	362.6	9.54+04	386.6	3.46+05
660102	51609	3B	.01873	.01973	1.08+01	363.9	8.89+04	386.5	2.31+05
660102	52889	3B	.03082	.02468	1.18+01	406.6	8.96+04	388.6	3.94+05
660102	53145	3B	.02941	.03059	1.15+01	401.2	7.92+04	397.1	3.42+05
660102	53401	3B	.02978	.02880	1.07+01	398.7	8.11+04	392.6	3.08+05
660102	53657	3B	.03640	.03883	9.04+00	378.5	8.30+04	382.5	3.30+05
660102	55440	3B	.02375	.02378	1.01+01	378.5	9.16+04	385.0	2.71+05
660102	55705	3B	.02779	.02769	9.57+00	372.2	7.71+04	375.2	3.18+05
660102	55861	3B	.02640	.02794	9.66+00	373.3	8.11+04	377.6	2.32+05
660102	56217	3B	.02909	.02775	9.22+00	370.1	7.88+04	370.0	3.13+05
660102	56521	3B	.09864	.10016	3.44+00	368.6	6.89+04	368.3	1.23+05
660102	56777	3B	.01983	.02402	3.84+00	311.2	3.38+05	364.3	3.00+05
660102	72601	3B	.02714	.02440	6.37+00	420.3	1.04+05	434.3	4.66+05
660102	72857	3B	.03883	.03669	6.29+00	420.5	9.05+04	417.6	4.02+05
660102	73113	3B	.04529	.04463	6.09+00	421.5	9.36+04	418.1	4.23+05
660103	5657	3B	.04014	.03828	6.05+00	385.9	8.59+04	388.0	3.74+05
660103	5913	3B	.03955	.03374	6.18+00	392.5	7.88+04	391.7	3.72+05
660103	6169	3B	.03971	.03996	6.66+00	363.1	9.70+04	390.8	3.48+05
660103	6425	3B	.04079	.04189	6.10+00	382.0	9.10+04	393.7	3.96+05
660103	6681	3B	.03555	.03653	7.00+00	380.5	9.79+04	390.8	2.81+05
660103	8937	3B	.03561	.03708	6.34+00	383.9	9.18+04	394.4	3.30+05
660103	7193	3B	.04674	.04743	5.70+00	383.1	9.51+04	396.3	4.37+05
660103	16409	3B	.02786	.02520	6.16+00	376.2	7.03+04	376.6	3.26+05
660103	18665	3B	.02880	.03085	6.54+00	377.9	7.25+04	379.4	2.77+05
660103	18921	3B	.02606	.02720	7.11+00	374.8	6.52+04	380.8	3.35+05
660103	17177	3B	.02760	.02877	6.91+00	371.8	6.29+04	377.9	2.47+05
660103	17433	3B	.02840	.03019	6.52+00	367.3	6.33+04	371.2	2.76+05
660103	17689	3B	.02787	.02752	6.39+00	370.7	5.82+04	371.8	2.40+05
660103	17945	3B	.02594	.02673	6.33+00	368.6	5.94+04	372.4	2.30+05
660103	34329	3B	.01604	.02686	9.95+00	340.8	1.18+05	343.6	2.68+05
660105	41260	3A	.05098	.05126	2.28+00	415.6	6.90+04	421.5	2.36+05
660105	52012	3A	.06284	.08241	1.74+00	362.2	5.02+04	399.6	7.47+05
660105	68652	3A	.03441	.03632	3.36+00	368.9	7.44+04	367.0	1.12+05
660105	69184	3A	.03458	.03542	3.21+00	355.8	5.47+04	357.4	6.69+04
660105	69420	3A	.03534	.03610	3.23+00	363.1	6.02+04	360.1	1.34+05
660105	69676	3A	.04503	.04617	2.57+00	365.2	6.07+04	364.2	1.26+05
660105	89932	3A	.03325	.03431	3.18+00	365.9	6.45+04	361.0	1.00+05
660105	80940	3A	.03748	.03774	2.81+00	350.2	3.31+04	347.9	1.64+05
660105	82476	3A	.02671	.03252	3.51+00	334.5	6.60+04	329.3	1.46+05
660106	12716	3A	.02227	.02380	2.82+00	338.8	5.27+04	342.7	1.33+05
660106	23468	3A	.01686	.01687	3.53+00	336.3	2.23+04	339.2	1.02+05
660106	23724	3A	.02654	.02571	2.94+00	338.2	2.75+04	336.2	1.27+05
660106	23980	3A	.02162	.02084	2.84+00	340.8	2.72+04	346.4	1.56+05
660106	24236	3A	.02449	.02391	2.61+00	337.8	2.77+04	340.0	1.71+05
660106	57004	3A	.00810	.00806	4.57+00	336.1	2.23+04	338.1	8.79+04

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
651229	51095	3B	.01319	.01301	3.67+00	500.2	7.56+04	495.8	7.29+05
651229	60311	3B	.00953	.00963	5.71+00	440.9	1.18+05	478.4	1.01+06
651229	63127	3B	.01262	.01283	4.21+00	437.0	8.26+04	453.8	4.13+05
651229	63383	3B	.00611	.00868	4.32+00	435.4	1.26+05	462.9	5.06+05
651229	75927	3B	.03522	.03733	5.77+00	410.2	1.29+05	467.2	3.66+05
651229	76183	3B	.03494	.03555	4.61+00	462.9	1.02+05	451.6	5.16+05
651229	76951	3B	.03439	.03425	5.73+00	471.0	1.17+05	483.1	4.24+05
651229	79255	3B	.01899	.01919	1.01+01	469.7	2.45+05	485.4	4.20+05
651229	79511	3B	.03685	.03846	5.24+00	472.9	1.04+05	481.6	4.48+05
651231	36270	3A	.02950	.02934	3.87+00	375.1	4.54+04	371.9	3.01+05
651231	36526	3A	.02815	.02632	4.26+00	373.0	5.13+04	369.5	2.99+05
651231	36782	3A	.02287	.02236	4.59+00	373.9	5.41+04	381.5	2.52+05
651231	37038	3A	.01951	.01981	4.25+00	374.9	5.34+04	379.2	2.48+05
651231	38574	3A	.01727	.01765	5.49+00	373.5	6.03+04	376.5	2.34+05
651231	38630	3A	.01735	.01420	5.03+00	380.6	7.33+04	370.9	3.84+05
651231	39086	3A	.01558	.01594	5.18+00	367.4	7.34+04	375.4	2.74+05
651231	39342	3A	.01540	.01614	4.82+00	370.5	6.63+04	377.9	3.55+05
651231	40878	3A	.01459	.01460	4.31+00	367.5	6.26+04	367.5	3.02+05
651231	41134	3A	.01549	.01620	3.98+00	363.7	5.27+04	371.1	2.80+05
651231	41390	3A	.01458	.01359	3.71+00	365.2	5.18+04	364.2	3.42+05
651231	41646	3A	.01743	.01712	3.93+00	363.7	5.66+04	361.1	2.35+05
651231	41902	3A	.01611	.01614	4.97+00	366.9	6.12+04	374.3	3.44+05
651231	43438	3A	.01861	.01865	4.91+00	355.5	5.14+04	359.4	2.49+05
651231	43950	3A	.01567	.01545	4.36+00	360.9	5.95+04	364.2	2.59+05
651231	44206	3A	.01444	.01588	4.88+00	360.1	6.61+04	362.2	2.40+05
651231	45742	3A	.01498	.01547	5.29+00	356.5	6.66+04	353.7	2.64+05
651231	45998	3A	.01647	.01651	4.62+00	354.6	5.26+04	362.9	2.80+05
651231	46254	3A	.02470	.02314	5.26+00	357.7	5.66+04	351.5	2.33+05
651231	46510	3A	.01835	.01626	5.06+00	355.1	4.88+04	355.8	2.82+05
651231	46766	3A	.01813	.01904	3.68+00	350.0	4.29+04	350.1	2.64+05
651231	48046	3A	.01717	.01728	4.09+00	349.0	4.44+04	357.1	1.89+05
651231	48302	3A	.02057	.02124	4.53+00	341.7	4.38+04	347.3	3.49+05
651231	48558	3A	.02331	.02412	5.62+00	344.1	4.92+04	345.4	3.09+05
651231	48814	3A	.02303	.01929	4.76+00	346.4	4.67+04	344.9	3.67+05
651231	49070	3A	.02022	.02243	4.10+00	347.6	4.75+04	351.0	2.77+05
651231	50862	3A	.01735	.01740	4.34+00	349.6	4.71+04	355.0	2.09+05
651231	51118	3A	.01764	.01738	4.19+00	346.3	4.06+04	355.8	2.24+05
651231	51374	3A	.01630	.01641	4.25+00	349.7	5.04+04	355.4	2.08+05
651231	52910	3A	.01380	.01404	4.28+00	351.2	5.42+04	354.5	9.89+04
651231	53166	3A	.01871	.01691	4.10+00	350.8	5.03+04	356.8	2.35+05
651231	53422	3A	.02135	.02198	4.58+00	343.1	4.61+04	349.7	2.36+05
651231	53678	3A	.01592	.01607	3.75+00	342.7	3.91+04	352.7	1.90+05
651231	55470	3A	.01159	.01155	4.24+00	352.5	4.53+04	354.4	1.81+05
651231	55982	3A	.02291	.02229	6.03+00	346.5	6.43+04	347.3	1.85+05
651231	56238	3A	.02217	.02201	4.92+00	346.9	7.54+04	355.7	2.50+05
660101	302	3A	.01013	.01124	3.22+00	329.8	5.82+04	337.7	1.96+05
660101	558	3A	.02311	.02499	2.91+00	324.1	1.12+05	337.1	1.85+05
660101	814	3A	.02626	.02398	2.80+00	335.6	6.59+04	331.5	2.65+05
660101	32302	3A	.01284	.01367	6.33+00	338.9	5.14+04	334.1	1.30+05
660101	32558	3A	.01311	.01045	6.20+00	333.2	4.09+04	321.8	2.15+05
660101	35630	3A	.00903	.00893	6.31+00	332.2	3.43+04	331.2	1.55+05
660101	35880	3A	.01241	.01132	6.36+00	329.2	3.68+04	328.9	1.80+05
660101	47662	3A	.01133	.01211	3.63+00	340.4	3.47+04	340.3	2.44+05
660101	47918	3A	.01141	.00979	3.95+00	338.8	3.27+04	339.6	2.26+05
660101	48174	3A	.01435	.01465	3.86+00	339.1	3.53+04	340.8	1.32+05
660101	50478	3A	.01063	.01059	6.23+00	325.3	2.56+04	328.8	7.61+04
660101	50734	3A	.00953	.00949	6.69+00	322.4	2.47+04	323.7	8.59+04
660101	79150	3A	.01760	.01768	6.59+00	325.5	2.51+04	326.2	1.09+05
660101	79406	3A	.01565	.01540	7.55+00	325.2	2.49+04	328.1	1.54+05
660101	80174	3A	.01593	.01581	7.67+00	326.4	3.06+04	328.9	1.08+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651227	41008	3A	.04791	.04831	3.89+00	558.1	1.58+05	570.2	8.67+05
651227	41264	3A	.04835	.05055	3.67+00	543.7	1.71+05	555.9	8.95+05
651227	41520	3A	.04639	.04659	3.90+00	548.0	1.70+05	564.2	8.75+05
651227	42032	3A	.04337	.04560	3.47+00	534.0	2.35+05	557.2	9.28+05
651227	42286	3A	.04757	.04764	3.86+00	563.3	1.59+05	570.2	7.83+05
651227	52272	3A	.04214	.04107	3.63+00	541.2	1.49+05	553.8	7.78+05
651227	52784	3A	.01768	.01683	4.73+00	543.4	1.70+05	547.1	7.02+05
651227	53040	3A	.02056	.01899	3.94+00	556.3	1.77+05	544.1	7.03+05
651227	66864	3A	.03580	.03377	2.91+00	568.3	1.44+05	592.5	1.20+06
651227	67120	3A	.03603	.03328	2.94+00	567.7	1.35+05	586.2	1.35+06
651227	67376	3A	.03817	.03556	2.84+00	570.2	1.63+05	585.9	1.25+06
651227	67632	3A	.03249	.03077	3.26+00	567.1	1.64+05	591.0	1.07+06
651227	69168	3A	.04589	.04175	2.57+00	591.1	1.52+05	599.1	8.91+05
651227	69424	3A	.04853	.04781	2.62+00	585.6	1.54+05	603.7	8.83+05
651227	69680	3A	.05258	.04954	2.71+00	588.0	1.55+05	597.5	1.17+06
651227	69936	3A	.04351	.04351	2.72+00	590.0	1.61+05	613.9	1.07+06
651227	77616	3A	.03513	.03474	3.36+00	569.7	1.83+05	572.6	1.10+06
651227	77872	3A	.03710	.03689	3.58+00	563.3	2.35+05	586.9	9.32+05
651227	78128	3A	.03454	.03512	3.37+00	573.1	2.12+05	590.7	9.19+05
651227	78384	3A	.03676	.03644	3.43+00	566.1	2.13+05	592.1	1.00+06
651227	79920	3A	.03469	.03269	3.84+00	573.9	1.94+05	584.6	9.73+05
651227	80176	3A	.03413	.03316	3.43+00	565.5	1.96+05	584.8	8.68+05
651227	80432	3A	.03040	.03632	3.43+00	566.1	2.06+05	593.5	8.69+05
651227	80688	3A	.04285	.04157	3.46+00	567.3	2.34+05	584.7	1.06+06
651227	80944	3A	.03846	.04018	4.21+00	570.1	1.98+05	580.6	9.93+05
651227	82480	3A	.01845	.01613	5.12+00	546.5	2.19+05	561.3	8.12+05
651227	82736	3A	.03571	.03432	3.34+00	551.0	1.61+05	583.7	1.02+06
651227	82992	3A	.02861	.02674	3.70+00	577.9	1.69+05	586.8	1.10+06
651227	83248	3A	.03189	.03122	3.51+00	586.6	1.70+05	588.1	9.27+05
651227	84784	3A	.02889	.02913	3.83+00	567.1	1.78+05	580.7	9.03+05
651227	85040	3A	.02462	.02396	4.01+00	562.2	1.78+05	581.3	8.08+05
651227	85296	3A	.02720	.02673	3.42+00	588.9	1.62+05	589.4	8.13+05
651227	85552	3A	.03111	.03235	3.21+00	580.1	1.67+05	586.4	9.13+05
651227	85808	3A	.03821	.03481	3.32+00	578.2	1.88+05	580.3	1.08+06
651228	688	3A	.03331	.03361	2.98+00	574.2	1.76+05	594.4	7.02+05
651228	944	3A	.03290	.03246	3.63+00	568.5	2.16+05	594.5	1.10+06
651228	1712	3A	.03445	.03402	3.54+00	555.6	1.87+05	589.4	9.54+05
651228	3246	3A	.03539	.03983	3.23+00	526.9	2.19+05	576.3	8.27+05
651228	3504	3A	.02374	.07729	2.19+00	523.4	2.00+05	575.2	6.71+05
651228	4016	3A	.02968	.02960	3.99+00	553.9	1.73+05	591.9	1.05+06
651228	5552	3A	.04839	.05011	2.30+00	536.7	1.86+05	573.3	1.05+06
651228	5808	3A	.02305	.02511	4.10+00	520.6	2.29+05	577.7	8.75+05
651228	7856	3A	.02173	.02209	3.87+00	532.0	9.84+04	570.9	8.23+05
651228	10416	3A	.03179	.03157	3.89+00	531.1	1.59+05	560.2	1.19+06
651228	10928	3A	.01302	.01358	3.36+00	584.1	1.73+05	628.8	1.11+06
651228	20144	3A	.05460	.05625	4.30+00	569.0	2.54+05	592.8	1.36+06
651228	20912	3A	.06437	.06595	3.83+00	580.1	2.11+05	600.1	1.37+06
651228	22704	3A	.04458	.04127	3.55+00	593.1	2.02+05	602.6	9.46+05
651228	22960	3A	.04705	.04004	3.38+00	602.7	1.76+05	596.9	1.38+06
651228	23216	3A	.04724	.04619	3.34+00	600.9	1.71+05	599.9	9.60+05
651228	25008	3A	.03697	.03312	3.88+00	587.3	2.43+05	610.9	9.52+05
651228	25776	3A	.04543	.04696	4.18+00	587.0	2.60+05	621.7	1.07+06
651229	46999	3B	.01184	.01182	3.73+00	498.0	7.45+04	490.1	4.21+05
651229	47255	3B	.01531	.01522	3.70+00	498.2	8.14+04	497.4	5.64+05
651229	47511	3B	.01220	.01215	3.33+00	496.9	7.60+04	497.1	5.07+05
651229	48023	3B	.00837	.00929	3.29+00	500.5	7.20+04	494.1	3.70+05
651229	48279	3B	.01353	.01226	3.21+00	497.7	7.71+04	495.7	5.91+05
651229	50327	3B	.01020	.01058	3.68+00	498.2	9.51+04	503.5	4.97+05
651229	50583	3B	.01493	.01246	3.65+00	498.4	8.61+04	490.9	9.20+05
651229	50839	3B	.01179	.01139	3.48+00	494.2	8.16+04	493.8	5.60+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651222	81331	3A	.02205	.02241	4.32+00	420.4	1.09+05	447.0	5.02+05
651222	81587	3A	.02405	.02396	4.57+00	421.1	1.09+05	445.1	5.62+05
651222	82099	3A	.02039	.02099	4.46+00	419.2	9.89+04	446.1	3.47+05
651223	6195	3A	.04879	.05006	3.69+00	407.6	1.02+05	420.6	4.63+05
651223	8755	3A	.02917	.02556	4.74+00	405.7	1.23+05	412.5	4.33+05
651223	9011	3A	.03222	.03438	5.03+00	408.9	1.24+05	416.5	4.54+05
651223	9267	3A	.03140	.03215	4.95+00	411.0	1.19+05	413.1	3.78+05
651223	9523	3A	.02715	.02629	4.36+00	417.1	1.04+05	409.0	4.19+05
651223	16435	3A	.03535	.03453	4.40+00	405.7	8.61+04	406.2	2.96+05
651223	16691	3A	.03490	.03346	4.13+00	400.9	7.15+04	404.0	3.99+05
651223	16947	3A	.03271	.02977	4.31+00	404.6	8.60+04	402.2	4.77+05
651223	17715	3A	.02557	.02628	4.76+00	402.0	8.43+04	399.0	3.10+05
651223	19251	3A	.03922	.03990	4.11+00	374.6	1.18+05	400.7	4.48+05
651223	19507	3A	.04241	.04098	3.84+00	404.9	8.58+04	408.2	4.16+05
651223	19763	3A	.03118	.03148	4.31+00	405.2	9.02+04	413.4	4.15+05
651224	29205	3B	.01146	.01123	6.63+00	356.3	4.38+04	346.1	1.04+05
651224	30229	3B	.01916	.01894	9.63+00	357.4	4.11+04	354.4	1.63+05
651224	32789	3B	.01351	.01215	1.55+01	344.6	5.55+04	346.1	1.94+05
651224	44565	3B	.01767	.01650	1.25+01	340.0	4.78+04	333.8	2.23+05
651224	45077	3B	.01544	.01556	1.25+01	342.0	4.92+04	335.8	1.63+05
651224	45333	3B	.01659	.01642	1.26+01	339.8	4.50+04	337.2	1.88+05
651224	46101	3B	.01536	.01386	1.24+01	343.6	4.07+04	341.1	1.67+05
651224	48149	3B	.01704	.01695	1.15+01	337.3	4.12+04	336.0	1.48+05
651224	48405	3B	.01671	.01577	1.15+01	337.8	4.06+04	331.9	1.20+05
651224	59157	3B	.00606	.00579	7.98+00	312.6	3.24+04	309.3	9.56+04
651224	59413	3B	.01554	.01534	3.89+00	313.4	3.67+04	313.4	1.12+05
651224	59669	3B	.00794	.00774	1.32+01	310.3	2.62+04	315.6	1.66+05
651224	59925	3B	.00698	.00701	1.16+01	311.2	2.72+04	314.0	1.49+05
651224	60181	3B	.00755	.00754	1.12+01	310.3	2.68+04	313.0	9.40+04
651224	60437	3B	.00894	.00887	1.28+01	310.4	2.70+04	308.6	2.10+05
651224	69653	3B	.01963	.01961	2.44+01	358.6	6.53+04	359.3	1.19+05
651224	70421	3B	.04592	.04800	2.31+01	372.1	7.74+04	362.8	1.28+05
651225	1685	3B	.03309	.06812	6.54+00	441.3	3.49+05	465.1	3.21+05
651225	2197	3B	.02928	.03279	7.06+00	438.3	3.42+05	476.4	5.12+05
651225	2453	3B	.02507	.08641	7.38+00	427.4	4.18+05	482.9	6.90+05
651225	2709	3B	.03320	.10492	6.11+00	435.0	3.55+05	480.6	6.80+05
651225	16790	3B	.04389	.04398	6.24+00	409.2	1.10+05	410.3	4.40+05
651225	17046	3B	.03661	.02827	7.85+00	411.3	1.41+05	419.2	4.27+05
651225	17302	3B	.04578	.03909	7.67+00	414.0	1.23+05	413.5	4.80+05
651225	17558	3B	.03789	.03790	7.77+00	414.9	1.26+05	422.6	4.27+05
651226	35249	3A	.03214	.03365	4.61+00	584.2	2.93+05	633.5	1.20+06
651226	64433	3A	.00979	.00983	3.11+00	517.2	1.93+05	575.2	1.17+06
651226	80049	3A	.06104	.06035	3.43+00	501.7	1.54+05	506.9	6.25+05
651226	80305	3A	.05156	.05102	4.20+00	490.9	1.76+05	510.3	6.49+05
651227	6961	3A	.04263	.04528	4.65+00	474.9	1.28+05	469.4	2.70+05
651227	7217	3A	.04403	.04289	5.36+00	501.4	1.51+05	504.0	4.75+05
651227	7473	3A	.03484	.03447	4.80+00	499.2	1.21+05	488.3	3.95+05
651227	7728	3A	.03844	.03781	5.06+00	507.5	1.32+05	499.3	3.72+05
651227	7985	3A	.04163	.04169	4.72+00	507.0	1.17+05	498.1	4.54+05
651227	8241	3A	.03970	.03932	4.59+00	507.0	1.12+05	496.0	4.62+05
651227	8497	3A	.03485	.03385	5.94+00	510.0	1.59+05	503.6	4.42+05
651227	33072	3A	.04625	.04795	4.28+00	550.6	1.65+05	551.8	7.06+05
651227	33329	3A	.05522	.05653	3.87+00	547.9	1.47+05	548.9	6.84+05
651227	33584	3A	.05344	.05485	3.68+00	534.4	1.65+05	549.8	7.22+05
651227	33841	3A	.05946	.05861	3.47+00	550.6	1.34+05	558.6	7.19+05
651227	34098	3A	.05784	.05875	3.24+00	541.2	1.38+05	553.9	6.45+05
651227	34352	3A	.05460	.05224	3.31+00	537.9	1.28+05	557.8	6.92+05
651227	34609	3A	.06472	.06532	2.80+00	535.4	1.30+05	559.4	5.57+05
651227	34864	3A	.06205	.06276	3.25+00	533.5	1.33+05	564.0	6.38+05
651227	40752	3A	.05344	.05301	3.93+00	559.6	1.74+05	569.6	9.25+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651218	27630	3A	.01131	.01116	1.75+01	336.5	4.57+04	336.4	1.52+05
651218	28598	3A	.01120	.01109	1.98+01	345.2	5.24+04	352.5	1.64+05
651218	30390	3A	.00443	.00436	1.68+01	345.7	5.54+04	353.9	1.44+05
651218	30646	3A	.00539	.00531	1.77+01	351.2	4.82+04	352.4	1.34+05
651218	30902	3A	.00514	.00512	1.75+01	362.2	5.23+04	364.1	2.14+05
651218	32438	3A	.00657	.00580	1.99+01	348.2	5.75+04	346.7	2.69+05
651218	32694	3A	.00572	.00551	2.00+01	345.1	5.36+04	348.5	1.57+05
651218	32950	3A	.00344	.00330	2.10+01	344.6	5.28+04	347.3	1.64+05
651218	33206	3A	.00407	.00393	1.99+01	344.7	5.37+04	348.4	1.93+05
651218	33462	3A	.00555	.00457	2.10+01	342.6	5.20+04	340.5	2.76+05
651218	34998	3A	.00665	.00509	1.61+01	339.7	5.65+04	335.1	2.02+05
651218	35254	3A	.00526	.00509	1.95+01	340.3	5.95+04	348.9	2.23+05
651218	35510	3A	.00461	.00452	1.69+01	341.5	5.48+04	349.6	2.09+05
651218	35766	3A	.00665	.00566	1.93+01	339.5	6.17+04	342.0	2.73+05
651218	36022	3A	.00719	.00623	1.73+01	341.7	5.87+04	342.1	2.58+05
651218	37302	3A	.00408	.00384	1.62+01	332.1	6.67+04	337.0	1.54+05
651218	37814	3A	.00810	.00823	1.68+01	334.0	6.65+04	338.0	2.43+05
651218	40630	3A	.00293	.00346	1.30+01	367.8	1.05+05	395.3	2.69+05
651218	42166	3A	.00278	.00719	1.69+01	354.6	1.02+05	362.3	3.09+05
651218	42422	3A	.00260	.00589	1.67+01	347.0	1.08+05	354.7	1.84+05
651218	42678	3A	.00200	.00256	1.92+01	346.8	1.09+05	368.1	2.30+05
651218	43190	3A	.00453	.00349	1.79+01	361.0	7.80+04	365.0	3.22+05
651218	44470	3A	.00298	.00361	1.72+01	350.2	9.00+04	366.8	2.60+05
651218	44982	3A	.00241	.00218	1.76+01	371.9	8.76+04	411.2	5.77+05
651218	45238	3A	.00320	.00307	1.64+01	378.7	9.37+04	396.5	3.01+05
651218	45494	3A	.00244	.00468	1.78+01	381.6	1.28+05	403.2	2.00+05
651218	47286	3A	.00361	.00365	2.28+01	362.0	1.10+05	400.5	3.24+05
651218	47542	3A	.00325	.00313	2.31+01	381.1	1.12+05	396.7	2.98+05
651218	47798	3A	.00632	.00607	1.62+01	376.8	8.73+04	388.8	5.17+05
651218	63670	3A	.00551	.00586	1.57+01	336.9	1.39+05	356.9	2.74+05
651218	63926	3A	.00672	.01602	1.26+01	347.9	1.33+05	376.0	4.96+05
651218	64182	3A	.01505	.03126	8.50+00	389.4	9.30+04	352.5	1.91+05
651218	64438	3A	.00467	.04069	1.10+01	347.4	1.44+05	392.2	3.61+05
651218	64694	3A	.01076	.01684	9.08+00	343.0	1.28+05	364.8	3.82+05
651220	3348	3B	.02725	.02678	2.90+00	357.3	6.18+04	374.2	3.78+05
651220	3604	3B	.02505	.02274	4.52+00	351.5	1.33+05	377.3	4.05+05
651222	1718	3A	.00837	.00861	8.54+00	338.2	3.41+04	338.7	1.47+05
651222	1972	3A	.00847	.00869	8.16+00	337.7	3.49+04	342.0	1.65+05
651222	2228	3A	.01171	.01130	8.86+00	339.7	3.13+04	341.3	1.74+05
651222	6324	3A	.00688	.00688	1.28+01	331.3	2.61+04	330.5	1.50+05
651222	6580	3A	.00598	.00601	1.42+01	328.2	2.98+04	332.7	1.45+05
651222	6884	3A	.00350	.00347	1.49+01	313.9	2.71+04	327.7	1.17+05
651222	9140	3A	.00544	.00548	1.23+01	322.9	3.51+04	304.9	8.73+04
651222	23476	3A	.02310	.02199	4.80+00	336.7	7.07+04	337.8	2.46+05
651222	23988	3A	.01683	.01734	7.06+00	330.3	4.12+04	327.9	9.21+04
651222	33972	3A	.00829	.00826	1.43+01	334.0	2.73+04	339.5	6.78+04
651222	36276	3A	.01211	.01354	6.83+00	360.7	9.40+04	371.6	2.12+05
651222	36532	3A	.02409	.02504	6.28+00	372.6	1.10+05	380.9	3.18+05
651222	54452	3A	.04425	.04608	5.31+00	428.2	1.83+05	440.9	4.31+05
651222	54708	3A	.04414	.04194	5.24+00	421.0	2.09+05	433.4	4.24+05
651222	54964	3A	.03941	.04236	5.15+00	405.3	1.92+05	428.8	4.47+05
651222	55220	3A	.03357	.03516	5.40+00	417.2	2.24+05	440.5	4.39+05
651222	57524	3A	.06703	.07454	3.86+00	400.3	1.22+05	407.1	5.98+05
651222	57779	3A	.02520	.05509	6.33+00	402.8	1.90+05	427.5	5.99+05
651222	58036	3A	.03462	.03548	5.55+00	407.2	2.17+05	425.8	4.10+05
651222	67507	3A	.02794	.02561	5.31+00	420.7	1.60+05	428.1	4.38+05
651222	67763	3A	.02688	.02944	5.78+00	413.8	1.84+05	429.5	4.43+05
651222	68019	3A	.02342	.02703	5.82+00	412.8	1.62+05	423.4	3.52+05
651222	70067	3A	.02744	.02788	6.04+00	403.2	1.58+05	424.0	3.51+05
651222	81075	3A	.02324	.02076	4.58+00	421.2	1.13+05	449.8	5.55+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651217	64055	3A	.00465	.00496	6.21+00	282.1	2.91+04	283.9	1.13+05
651217	64567	3A	.00375	.00371	1.00+01	286.4	4.58+04	293.8	1.72+05
651217	66615	3A	.00520	.00417	6.99+00	293.0	3.15+04	280.4	1.05+05
651217	68919	3A	.00256	.00258	6.01+00	295.5	2.47+04	295.7	6.30+04
651217	69175	3A	.00310	.00303	7.79+00	295.6	2.65+04	298.6	1.79+05
651217	69431	3A	.00386	.00359	7.27+00	296.4	2.72+04	293.8	1.77+05
651217	70967	3A	.00435	.00432	7.43+00	294.9	2.61+04	292.9	7.78+04
651217	71223	3A	.00442	.00441	7.36+00	292.8	2.52+04	296.9	1.25+05
651217	71479	3A	.00363	.00361	6.62+00	288.7	2.80+04	295.4	1.42+05
651217	71735	3A	.00416	.00413	6.36+00	294.9	2.27+04	302.6	1.55+05
651217	71991	3A	.00468	.00425	6.12+00	292.6	2.30+04	291.5	2.12+05
651217	78343	3A	.00534	.00534	6.69+00	297.8	2.37+04	307.0	2.00+05
651217	76599	3A	.00366	.00361	6.64+00	298.7	1.92+04	303.1	1.49+05
651217	78135	3A	.00345	.00334	5.72+00	300.0	4.12+04	308.8	2.92+05
651217	78391	3A	.00398	.00404	8.97+00	297.9	1.92+04	301.1	8.61+04
651217	78647	3A	.00527	.00528	8.80+00	291.3	2.20+04	297.1	1.50+05
651217	78903	3A	.00402	.00390	8.41+00	292.9	1.93+04	293.3	1.03+05
651217	79159	3A	.00306	.00330	4.30+00	288.4	1.91+04	296.1	2.43+05
651217	80439	3A	.01077	.01071	6.29+00	300.9	2.52+04	306.1	1.22+05
651217	80951	3A	.01225	.01168	4.67+00	304.6	7.93+04	305.7	2.63+05
651217	81463	3A	.00667	.00648	9.01+00	294.1	2.38+04	294.7	7.73+04
651217	82999	3A	.00280	.00281	1.18+01	297.7	2.40+04	298.7	1.39+05
651217	83511	3A	.00726	.00725	6.26+00	293.8	2.58+04	301.6	1.06+05
651217	83767	3A	.00215	.00213	1.22+01	286.5	3.72+04	295.7	1.12+05
651217	84023	3A	.00413	.00411	7.38+00	294.9	2.83+04	279.9	8.13+04
651217	85303	3A	.00542	.00544	9.12+00	296.5	2.22+04	299.7	1.41+05
651217	86071	3A	.00865	.00827	6.11+00	292.8	2.84+04	294.1	6.23+04
651218	1463	3A	.00283	.00283	8.48+00	294.3	2.13+04	292.7	2.55+04
651218	1719	3A	.00411	.00397	8.21+00	297.2	2.02+04	294.2	5.39+04
651218	2231	3A	.00693	.00682	5.62+00	297.0	2.79+04	295.1	2.06+05
651218	3767	3A	.00996	.00983	6.59+00	292.1	2.62+04	295.8	8.81+04
651218	6583	3A	.00942	.00942	9.31+00	294.9	1.94+04	295.2	3.73+04
651218	6839	3A	.00816	.00815	8.97+00	296.0	2.17+04	299.5	9.62+04
651218	6839	3A	.00816	.00815	8.97+00	296.0	2.17+04	299.5	9.62+04
651218	7095	3A	.00869	.00954	8.66+00	292.1	2.47+04	294.5	9.47+04
651218	8631	3A	.00707	.00706	7.38+00	293.9	3.25+04	300.8	1.27+05
651218	8887	3A	.00845	.00801	7.17+00	289.9	3.26+04	298.6	2.04+05
651218	9143	3A	.00715	.00700	7.58+00	293.0	3.27+04	295.8	1.36+05
651218	9399	3A	.00862	.00860	8.07+00	295.6	2.82+04	295.8	9.50+04
651218	10935	3A	.00923	.00925	8.08+00	297.1	2.69+04	303.3	1.46+05
651218	11447	3A	.00511	.00493	7.77+00	301.3	2.36+04	295.0	8.84+04
651218	11703	3A	.00565	.00560	8.68+00	300.5	2.62+04	302.7	1.03+05
651218	11959	3A	.00572	.00572	8.78+00	300.8	2.39+04	307.6	1.31+05
651218	13239	3A	.00982	.00968	8.38+00	298.6	2.44+04	303.8	2.01+05
651218	13239	3A	.00982	.00968	8.38+00	298.6	2.44+04	303.8	2.01+05
651218	13495	3A	.00419	.00414	7.20+00	293.9	1.96+04	299.9	1.48+05
651218	14262	3A	.00811	.00806	8.63+00	299.3	2.35+04	302.6	1.17+05
651218	15799	3A	.00744	.00750	9.33+00	301.0	2.79+04	308.2	1.35+05
651218	16055	3A	.00836	.00840	7.72+00	298.2	2.44+04	294.2	5.25+04
651218	16822	3A	.01101	.01102	7.73+00	300.4	2.91+04	304.5	1.43+05
651218	22966	3A	.01539	.01528	1.20+01	328.2	4.23+04	327.4	1.88+05
651218	23222	3A	.01414	.01438	1.38+01	328.5	4.43+04	328.9	1.61+05
651218	23478	3A	.01719	.01502	1.35+01	328.2	4.64+04	328.6	2.42+05
651218	23734	3A	.01623	.01601	1.33+01	328.7	4.57+04	326.4	1.86+05
651218	23734	3A	.01623	.01601	1.33+01	328.7	4.56+04	326.4	1.86+05
651218	23990	3A	.01493	.01457	1.33+01	327.0	4.85+04	333.7	1.65+05
651218	23990	3A	.01493	.01457	1.33+01	327.0	4.85+04	333.7	1.65+05
651218	25270	3A	.01124	.01171	1.55+01	335.7	5.51+04	341.1	1.81+05
651218	25270	3A	.01124	.01172	1.55+01	335.7	5.51+04	341.1	1.81+05
651218	25526	3A	.00695	.00712	1.45+01	335.1	4.86+04	335.0	1.78+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651213	70713	3A	.01191	.01171	4.89+00	417.2	1.21+05	422.9	3.44+05
651213	72249	3A	.01673	.01905	3.79+00	418.7	1.11+05	421.4	4.25+05
651213	72505	3A	.01427	.01555	3.88+00	411.3	1.15+05	410.1	2.99+05
651213	72761	3A	.01373	.01348	3.82+00	406.8	1.16+05	423.8	4.37+05
651213	73017	3A	.01815	.01812	3.63+00	402.5	1.20+05	426.6	5.00+05
651214	70418	3B	.01337	.01051	3.44+00	346.5	2.12+04	324.7	2.75+05
651214	83218	3B	.00808	.00806	4.48+00	333.7	4.83+04	340.2	2.50+05
651214	83730	3B	.00778	.00787	5.01+00	332.0	5.92+04	334.1	1.75+05
651215	9874	3B	.00878	.00821	5.26+00	324.9	5.70+04	333.9	3.18+05
651215	10130	3B	.00661	.00657	6.22+00	315.0	3.96+04	359.0	5.13+05
651215	15250	3B	.00717	.00716	6.33+00	316.4	7.44+04	319.7	2.38+05
651215	15506	3B	.00898	.00850	6.37+00	327.6	1.43+05	344.0	2.31+05
651215	32658	3B	.01270	.01256	6.53+00	316.9	4.54+04	318.9	1.79+05
651215	32914	3B	.01288	.01254	5.72+00	317.0	4.26+04	322.3	1.58+05
651215	33170	3B	.01374	.01341	5.75+00	318.7	3.85+04	320.2	2.02+05
651215	33426	3B	.01360	.01344	5.68+00	317.4	3.75+04	313.0	2.65+05
651215	34962	3B	.00799	.02937	6.54+00	308.5	5.64+04	311.8	3.26+05
651215	35218	3B	.01031	.00892	6.61+00	304.5	5.95+04	300.6	2.43+05
651215	35986	3B	.00962	.00970	6.17+00	311.5	7.39+04	315.9	3.82+05
651215	37266	3B	.00796	.00990	6.48+00	306.5	5.50+04	313.5	2.23+05
651215	38034	3B	.01272	.01430	5.17+00	301.8	3.85+04	299.7	2.00+05
651215	38290	3B	.00975	.00936	7.34+00	310.3	5.66+04	314.6	2.02+05
651215	40178	3B	.01537	.01483	5.05+00	297.0	3.92+04	303.6	1.49+05
651215	40338	3B	.01615	.01611	3.76+00	298.1	3.99+04	302.5	1.82+05
651215	40594	3B	.01171	.01064	7.81+00	315.4	4.83+04	311.2	1.78+05
651215	42130	3B	.01482	.01402	5.64+00	305.3	4.23+04	302.8	1.98+05
651215	42386	3B	.01058	.01100	7.26+00	301.1	4.52+04	297.8	1.03+05
651215	42642	3B	.01165	.01198	6.59+00	305.7	4.16+04	302.6	1.46+05
651215	44434	3B	.00632	.00842	9.34+00	303.4	5.82+04	302.7	1.79+05
651215	44946	3B	.01153	.01165	6.82+00	308.5	3.68+04	307.8	1.55+05
651215	45202	3B	.01120	.01154	7.09+00	312.3	4.23+04	312.4	2.01+05
651215	59538	3B	.01138	.01129	9.17+00	296.3	4.16+04	299.9	1.80+05
651215	59794	3B	.01138	.01143	6.43+00	297.4	4.12+04	298.3	8.95+04
651215	60306	3B	.01866	.01846	7.33+00	297.2	3.64+04	305.2	3.09+05
651215	60562	3B	.01353	.01244	8.25+00	299.2	4.05+04	298.8	1.63+05
651215	61074	3B	.01273	.01286	8.37+00	294.4	3.51+04	298.2	1.79+05
651215	70290	3B	.01364	.01297	7.74+00	290.1	4.00+04	293.6	1.47+05
651217	8247	3A	.01077	.01087	2.69+00	270.0	1.58+04	265.0	1.34+05
651217	8759	3A	.00712	.00713	6.53+00	264.0	1.20+04	265.2	1.47+05
651217	13111	3A	.00956	.00962	9.72+00	269.6	1.55+04	270.2	1.08+05
651217	15671	3A	.00252	.00247	9.35+00	279.1	1.59+04	282.1	1.29+05
651217	27191	3A	.00160	.00177	9.04+00	277.4	1.89+04	284.2	3.00+05
651217	44599	3A	.00598	.00631	4.40+00	284.4	1.82+04	285.6	9.98+04
651217	47871	3A	.00257	.00255	7.31+00	283.5	3.41+04	290.3	2.23+05
651217	49463	3A	.00894	.00928	5.92+00	286.7	2.32+04	276.2	1.02+05
651217	49719	3A	.00582	.00657	4.66+00	277.0	4.71+04	290.3	1.20+05
651217	52791	3A	.00675	.00700	6.61+00	283.6	3.32+04	280.3	1.63+05
651217	54071	3A	.00698	.00690	5.36+00	287.2	2.71+04	294.0	1.11+05
651217	54327	3A	.00449	.00448	6.13+00	285.5	3.21+04	290.0	1.14+05
651217	54563	3A	.00675	.00668	5.49+00	286.5	2.79+04	293.8	1.68+05
651217	54839	3A	.00302	.00308	6.29+00	285.7	2.89+04	290.0	1.74+05
651217	55095	3A	.00615	.00622	6.17+00	287.2	2.76+04	292.1	1.34+05
651217	56631	3A	.00560	.00622	4.80+00	265.7	2.20+04	285.6	1.31+05
651217	56887	3A	.00438	.00431	6.85+00	282.0	2.47+04	274.3	1.15+05
651217	59191	3A	.00376	.00686	7.26+00	292.4	3.71+04	288.3	8.46+04
651217	59447	3A	.00301	.00298	6.37+00	283.8	4.69+04	293.6	1.80+05
651217	59703	3A	.00467	.00401	5.97+00	292.2	4.23+04	280.4	5.71+04
651217	59959	3A	.00452	.00480	7.57+00	280.8	4.21+04	288.1	1.69+05
651217	61751	3A	.00362	.00344	6.53+00	293.9	2.95+04	287.8	1.28+05
651217	62263	3A	.00385	.00377	6.08+00	283.3	3.50+04	277.8	1.08+05

DATE	TIME	SD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
651213	29754	3A	.02007	.02039	4.39+00	407.8	7.20+04	412.4	3.33+05
651213	30010	3A	.01481	.01534	4.53+00	406.3	7.06+04	411.2	2.74+05
651213	30266	3A	.01804	.01759	4.44+00	405.7	6.56+04	408.5	3.75+05
651213	30522	3A	.01881	.01861	4.65+00	407.4	7.08+04	407.2	3.07+05
651213	32058	3A	.01905	.02077	3.99+00	405.8	6.19+04	413.6	3.30+05
651213	32314	3A	.01784	.01785	4.33+00	406.4	9.01+04	400.1	4.16+05
651213	32570	3A	.01523	.01602	4.48+00	408.0	8.67+04	416.2	3.78+05
651213	32826	3A	.01812	.01916	4.40+00	405.7	9.47+04	414.1	4.84+05
651213	34362	3A	.01743	.01887	4.05+00	407.0	8.68+04	416.1	3.89+05
651213	34618	3A	.01830	.01811	3.96+00	405.2	7.89+04	411.2	4.29+05
651213	34874	3A	.01943	.02086	4.02+00	405.2	8.93+04	409.0	4.83+05
651213	35130	3A	.01977	.01753	4.15+00	403.9	8.70+04	410.7	4.05+05
651213	35386	3A	.01335	.01448	4.53+00	405.1	7.87+04	414.5	3.23+05
651213	36666	3A	.01554	.01586	4.50+00	397.5	8.82+04	403.5	3.47+05
651213	36922	3A	.01761	.01823	4.22+00	397.9	8.20+04	408.6	2.88+05
651213	37178	3A	.01807	.01792	4.33+00	400.4	7.80+04	406.8	4.14+05
651213	37434	3A	.01726	.01720	4.52+00	401.6	8.16+04	414.7	4.42+05
651213	37690	3A	.01843	.01767	4.28+00	398.6	8.09+04	405.6	4.20+05
651213	39225	3A	.01444	.04708	4.21+00	393.6	9.93+04	408.1	5.10+05
651213	39482	3A	.01613	.01666	4.45+00	391.6	9.26+04	401.2	3.11+05
651213	39738	3A	.01505	.01465	4.40+00	411.8	7.47+04	415.2	5.48+05
651213	39994	3A	.01398	.01202	4.43+00	412.2	7.44+04	413.1	4.69+05
651213	41530	3A	.01348	.01460	4.59+00	407.2	8.18+04	416.5	3.58+05
651213	41785	3A	.01395	.01371	4.18+00	411.4	8.59+04	418.0	3.36+05
651213	42042	3A	.01623	.01499	3.98+00	406.5	8.31+04	417.6	4.60+05
651213	42297	3A	.01420	.01329	4.24+00	404.7	8.23+04	418.8	3.83+05
651213	42553	3A	.01247	.01217	4.32+00	407.1	7.65+04	413.5	4.90+05
651213	44089	3A	.01651	.01613	4.49+00	406.7	7.22+04	409.4	4.20+05
651213	44345	3A	.01813	.01456	4.59+00	404.8	8.73+04	405.1	3.93+05
651213	44601	3A	.01950	.01914	4.62+00	411.8	8.41+04	410.4	3.45+05
651213	44857	3A	.01623	.01619	4.54+00	409.1	8.46+04	413.9	4.11+05
651213	46393	3A	.01126	.01056	4.38+00	391.3	9.36+04	417.2	4.73+05
651213	46649	3A	.01423	.01537	4.54+00	391.6	9.51+04	414.0	3.60+05
651213	47161	3A	.01237	.01166	4.54+00	399.5	9.08+04	421.0	5.11+05
651213	47417	3A	.01147	.01159	4.19+00	398.7	8.76+04	421.3	3.85+05
651213	48697	3A	.01401	.01572	4.05+00	397.8	9.19+04	418.3	3.30+05
651213	48953	3A	.01836	.01912	4.03+00	397.8	8.85+04	409.1	5.09+05
651213	49209	3A	.01493	.01389	4.49+00	397.1	9.42+04	417.0	4.22+05
651213	49465	3A	.01467	.03352	4.18+00	396.8	9.73+04	413.8	7.17+05
651213	49721	3A	.01261	.01244	4.34+00	395.8	9.88+04	415.1	4.05+05
651213	51257	3A	.01195	.01181	4.65+00	396.5	8.97+04	416.9	3.10+05
651213	51513	3A	.01420	.01395	4.47+00	400.0	8.37+04	417.7	3.27+05
651213	51769	3A	.01400	.01410	4.04+00	396.1	7.86+04	411.6	5.19+05
651213	52025	3A	.01176	.01314	4.38+00	398.9	8.42+04	418.5	4.58+05
651213	53561	3A	.01300	.01312	4.24+00	397.1	8.06+04	400.7	3.89+05
651213	53817	3A	.00838	.00913	4.19+00	394.4	8.21+04	422.8	3.19+05
651213	54585	3A	.01078	.01199	4.76+00	396.7	9.48+04	424.3	4.89+05
651213	55865	3A	.00962	.01030	4.74+00	400.6	9.44+04	425.9	3.24+05
651213	56121	3A	.00907	.00925	4.59+00	397.5	8.99+04	411.8	2.04+05
651213	57657	3A	.01198	.01228	4.46+00	394.4	8.74+04	417.6	3.43+05
651213	57913	3A	.01345	.03304	4.15+00	392.9	9.57+04	427.8	5.85+05
651213	58681	3A	.00864	.00989	4.18+00	392.2	9.21+04	424.7	4.24+05
651213	60985	3A	.01564	.01926	3.06+00	389.1	9.76+04	414.3	3.32+05
651213	67385	3A	.01691	.03336	3.73+00	411.3	8.54+04	424.2	5.36+05
651213	67897	3A	.01507	.01413	4.48+00	399.5	1.08+05	415.2	4.35+05
651213	68153	3A	.01438	.01536	4.32+00	395.3	9.89+04	432.9	4.27+05
651213	69689	3A	.01357	.01534	4.15+00	401.3	1.10+05	419.0	4.59+05
651213	69945	3A	.01483	.01633	3.92+00	409.6	1.07+05	410.4	4.10+05
651213	70201	3A	.01482	.01454	3.94+00	410.1	1.04+05	423.3	4.06+05
651213	70457	3A	.01607	.01749	3.71+00	410.7	9.26+04	419.3	4.13+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651212	55994	3A	.04385	.04607	3.18+00	460.8	1.25+05	474.9	4.49+05
651212	56250	3A	.05428	.05644	2.97+00	459.7	1.29+05	467.7	4.54+05
651212	57786	3A	.04717	.04499	3.25+00	461.8	1.30+05	466.3	5.83+05
651212	58042	3A	.05489	.05257	3.17+00	461.4	1.22+05	467.7	5.39+05
651212	58298	3A	.05434	.05467	3.30+00	462.9	1.27+05	479.0	4.72+05
651212	58554	3A	.09142	.09560	2.81+00	436.0	2.81+05	472.3	5.49+05
651212	58810	3A	.04958	.04944	3.52+00	460.7	1.27+05	468.2	4.81+05
651212	68538	3A	.03674	.03657	2.26+00	447.2	8.91+04	449.3	4.37+05
651212	68794	3A	.03694	.03691	2.31+00	470.8	8.24+04	470.9	3.31+05
651212	69562	3A	.05761	.05836	1.46+00	465.9	1.01+05	492.3	3.88+05
651212	71098	3A	.04057	.04135	2.73+00	456.2	8.71+04	454.8	4.23+05
651212	71354	3A	.04373	.04655	3.38+00	454.4	1.16+05	460.4	5.34+05
651212	71610	3A	.10324	.10291	2.09+00	444.2	5.80+04	459.6	7.94+05
651212	79290	3A	.02447	.02423	2.53+00	445.2	7.80+04	454.3	4.92+05
651212	79546	3A	.02796	.02781	2.38+00	442.9	7.58+04	453.7	2.43+05
651212	80058	3A	.02610	.02702	3.52+00	420.5	1.28+05	451.9	3.92+05
651212	80314	3A	.02575	.02558	2.68+00	440.0	7.88+04	437.4	3.39+05
651213	2106	3A	.03192	.03087	2.56+00	434.6	6.13+04	432.9	3.83+05
651213	2362	3A	.02348	.02263	2.91+00	435.1	6.15+04	434.6	4.31+05
651213	2618	3A	.02496	.02468	2.49+00	434.7	5.69+04	432.6	3.42+05
651213	2874	3A	.01952	.01944	2.75+00	434.8	5.89+04	434.7	3.20+05
651213	4922	3A	.02770	.02614	2.59+00	431.2	5.01+04	428.4	4.53+05
651213	5178	3A	.02935	.02832	2.41+00	426.8	5.63+04	434.4	3.60+05
651213	5434	3A	.02158	.02156	2.58+00	424.1	5.23+04	433.3	2.22+05
651213	5890	3A	.02342	.02318	2.70+00	422.0	5.95+04	432.1	3.04+05
651213	5946	3A	.02775	.02787	2.58+00	429.9	5.71+04	429.7	3.09+05
651213	7482	3A	.01875	.01803	2.86+00	425.0	4.39+04	427.9	4.18+05
651213	7738	3A	.01806	.01835	2.83+00	420.7	4.70+04	426.1	3.16+05
651213	7994	3A	.02446	.02193	2.65+00	419.3	6.45+04	417.3	4.39+05
651213	8250	3A	.02580	.02522	2.68+00	420.9	6.78+04	423.2	2.90+05
651213	9786	3A	.01825	.01850	3.23+00	424.8	4.34+04	432.1	3.44+05
651213	10042	3A	.02395	.02398	2.85+00	431.5	5.52+04	433.8	4.11+05
651213	14906	3A	.02010	.01960	3.91+00	412.4	4.96+04	413.6	2.04+05
651213	15162	3A	.02425	.02396	3.28+00	426.7	5.10+04	421.8	3.66+05
651213	15418	3A	.01949	.01959	3.62+00	421.2	5.39+04	421.7	2.55+05
651213	16186	3A	.01906	.01808	3.91+00	417.6	6.24+04	418.4	3.37+05
651213	17466	3A	.02148	.02141	3.73+00	412.3	5.53+04	417.6	3.10+05
651213	17722	3A	.02042	.02020	3.60+00	416.9	5.58+04	412.9	3.11+05
651213	17978	3A	.02045	.02003	3.79+00	412.8	5.30+04	417.3	4.11+05
651213	18234	3A	.01712	.01702	3.67+00	416.1	5.22+04	417.8	2.82+05
651213	18490	3A	.02010	.01991	3.31+00	415.7	5.06+04	417.7	2.44+05
651213	20026	3A	.01909	.01805	3.30+00	417.2	5.16+04	414.4	4.54+05
651213	20282	3A	.02084	.02077	3.87+00	422.7	6.33+04	420.9	3.04+05
651213	20538	3A	.02373	.02347	3.82+00	420.0	6.60+04	428.0	5.31+05
651213	20794	3A	.02108	.02111	4.06+00	421.1	5.83+04	416.6	2.88+05
651213	22330	3A	.02238	.02238	4.37+00	418.3	5.91+04	418.9	3.11+05
651213	22586	3A	.02436	.02058	3.78+00	407.6	6.83+04	407.6	4.08+05
651213	22842	3A	.02339	.02438	3.93+00	407.5	6.92+04	410.6	2.69+05
651213	22998	3A	.02289	.02409	3.70+00	407.3	6.94+04	415.3	3.92+05
651213	23354	3A	.02079	.02130	3.79+00	408.9	6.84+04	411.7	3.11+05
651213	24890	3A	.01880	.01924	4.18+00	405.1	7.02+04	415.3	2.95+05
651213	25146	3A	.01968	.01958	4.27+00	406.1	7.41+04	412.2	3.14+05
651213	25402	3A	.02231	.02070	4.32+00	405.0	7.63+04	407.0	4.71+05
651213	25658	3A	.02072	.02029	4.26+00	410.6	7.32+04	412.8	4.46+05
651213	27194	3A	.02282	.02258	4.19+00	402.6	7.72+04	411.5	4.75+05
651213	27450	3A	.01851	.01944	4.20+00	405.1	7.74+04	413.1	3.46+05
651213	27706	3A	.01742	.01709	4.28+00	399.9	7.40+04	407.8	3.27+05
651213	27962	3A	.01554	.01578	4.53+00	406.9	7.04+04	415.5	3.25+05
651213	28218	3A	.01992	.01950	4.57+00	406.3	8.24+04	410.2	4.03+05
651213	29498	3A	.01756	.01850	4.47+00	410.6	8.30+04	417.1	3.85+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
651210	26128	3B	.00977	.00975	4.76+00	389.7	6.95+04	386.9	2.95+05
651210	26384	3B	.00875	.00847	4.67+00	380.1	6.25+04	385.4	3.24+05
651210	26640	3B	.00821	.00808	5.28+00	394.3	7.43+04	388.9	3.35+05
651210	26896	3B	.00918	.00928	5.37+00	393.8	6.79+04	389.5	4.27+05
651210	35600	3B	.00385	.00273	6.36+00	392.1	6.62+04	381.0	4.22+05
651210	35856	3B	.00147	.00181	6.68+00	396.4	7.64+04	441.4	4.36+05
651210	36112	3B	.00371	.00357	5.67+00	374.3	6.53+04	406.0	4.57+05
651210	36368	3B	.00487	.00462	5.60+00	374.7	6.07+04	397.8	3.94+05
651210	36680	3B	.00310	.00291	6.38+00	389.6	7.47+04	397.0	3.85+05
651210	44560	3B	.00246	.00225	9.81+00	378.8	6.80+04	393.8	3.23+05
651210	44816	3B	.00337	.00327	8.18+00	361.5	7.31+04	397.6	3.54+05
651210	45328	3B	.00454	.00468	7.72+00	368.5	7.98+04	390.0	4.03+05
651210	45584	3B	.00329	.00374	6.67+00	363.3	6.57+04	393.0	5.39+05
651210	46864	3B	.00697	.00702	5.58+00	372.2	6.66+04	371.1	3.72+05
651210	47120	3B	.00229	.00216	1.05+01	360.3	1.12+05	375.9	2.88+05
651210	47376	3B	.00225	.00206	1.07+01	361.4	1.43+05	399.4	4.31+05
651210	47688	3B	.00433	.00451	7.44+00	367.8	8.38+04	404.7	5.54+05
651210	49424	3B	.00312	.00360	1.05+01	360.3	8.41+04	389.2	2.77+05
651210	49680	3B	.00273	.00537	1.13+01	384.4	9.39+04	395.7	3.50+05
651210	50192	3B	.00275	.00199	1.21+01	392.7	1.00+05	397.1	3.65+05
651210	51728	3B	.00378	.00312	9.45+00	379.7	8.34+04	389.4	4.54+05
651210	62240	3B	.00358	.00340	8.29+00	363.9	8.13+04	411.8	2.81+05
651210	52496	3B	.00586	.00583	8.86+00	382.1	9.15+04	392.1	5.32+05
651210	52752	3B	.00193	.00211	9.08+00	381.6	7.48+04	373.2	7.84+04
651210	54288	3B	.00310	.00286	9.72+00	381.8	7.82+04	397.5	4.35+05
651210	54544	3B	.00403	.00415	1.05+01	379.5	7.26+04	390.6	3.44+05
651210	54800	3B	.00298	.00287	9.85+00	363.1	7.17+04	396.4	3.67+05
651210	55056	3B	.00448	.00492	9.37+00	377.3	8.36+04	396.6	6.23+05
651210	56592	3B	.00306	.00310	8.74+00	362.7	6.20+04	380.1	2.09+05
651210	62736	3B	.00406	.00416	9.26+00	388.9	5.83+04	394.4	3.48+05
651210	62992	3B	.00530	.00514	6.15+00	390.9	7.20+04	383.8	3.10+05
651210	63760	3B	.00397	.00306	1.04+01	367.1	5.79+04	383.3	3.52+05
651210	64016	3B	.00528	.00487	8.42+00	389.5	5.53+04	392.2	3.38+05
651210	66064	3B	.00202	.00200	7.86+00	385.2	6.81+04	412.8	5.32+05
651210	66832	3B	.00273	.00509	6.40+00	402.5	6.55+04	401.5	1.88+05
651210	67088	3B	.00205	.00849	6.22+00	409.3	1.23+05	417.5	3.97+05
651210	68624	3B	.00372	.00407	8.30+00	429.4	1.66+05	453.0	4.40+05
651210	81936	3B	.02363	.07332	4.16+00	500.7	2.49+05	537.5	1.48+06
651210	83985	3B	.01702	.01728	5.71+00	468.8	2.43+05	487.0	9.04+05
651211	4753	3B	.01263	.04614	4.23+00	515.5	2.58+05	564.0	1.16+06
651211	5009	3B	.01270	.01421	4.89+00	526.5	2.31+05	573.8	1.12+06
651212	43706	3A	.03492	.03355	5.02+00	461.3	2.60+05	482.0	4.32+05
651212	44474	3A	.04193	.04044	4.21+00	456.7	2.63+05	479.8	4.99+05
651212	45754	3A	.04534	.05285	5.48+00	458.2	1.62+05	481.2	4.75+05
651212	46010	3A	.05261	.04994	4.94+00	465.7	1.72+05	484.2	5.42+05
651212	46778	3A	.06046	.06035	3.53+00	480.9	1.55+05	495.3	5.57+05
651212	48058	3A	.04765	.04687	3.69+00	487.1	1.32+05	486.8	4.77+05
651212	48314	3A	.04794	.04396	3.69+00	506.0	1.51+05	499.4	5.52+05
651212	48570	3A	.05024	.05025	3.43+00	499.9	1.33+05	493.8	5.10+05
651212	48826	3A	.04359	.04384	3.54+00	503.7	1.48+05	494.1	5.96+05
651212	50618	3A	.04748	.04649	4.06+00	479.1	1.35+05	492.0	5.88+05
651212	50874	3A	.04196	.04132	4.32+00	476.8	1.32+05	488.8	4.51+05
651212	51130	3A	.04891	.04789	3.73+00	486.7	1.07+05	487.8	4.53+05
651212	51386	3A	.05074	.04915	3.60+00	489.1	1.22+05	488.9	5.31+05
651212	52922	3A	.04160	.03766	4.04+00	475.3	1.34+05	477.2	5.66+05
651212	53178	3A	.03760	.03820	4.51+00	460.2	1.18+05	486.6	4.97+05
651212	53434	3A	.04656	.04424	3.83+00	452.6	1.13+05	471.4	6.48+05
651212	53690	3A	.03897	.04058	3.78+00	452.7	1.10+05	478.4	4.71+05
651212	55482	3A	.05136	.05115	3.23+00	471.0	1.29+05	472.5	4.70+05
651212	55738	3A	.05072	.05320	3.14+00	480.4	1.24+05	481.2	5.20+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651208	74684	3A	.02567	.02582	1.04+01	361.8	1.53+05	398.2	4.07+05
651208	74940	3A	.02434	.02218	1.12+01	366.2	1.10+05	392.5	3.45+05
651208	75196	3A	.02598	.02568	1.15+01	368.1	1.11+05	398.3	3.31+05
651208	75452	3A	.02989	.02433	1.07+01	365.2	9.38+04	388.2	4.13+05
651208	77244	3A	.02455	.02797	9.21+00	376.4	1.01+05	387.4	3.55+05
651208	77756	3A	.02252	.02269	1.16+01	375.3	7.35+04	377.6	3.46+05
651208	78012	3A	.02741	.02533	1.14+01	372.7	6.85+04	370.0	3.79+05
651208	79292	3A	.03291	.03109	9.92+00	370.8	7.13+04	370.9	3.05+05
651208	79548	3A	.02556	.02579	9.44+00	370.2	7.25+04	374.4	2.78+05
651208	80316	3A	.03630	.03619	9.84+00	371.2	5.86+04	373.4	2.48+05
651208	82108	3A	.03566	.03463	1.36+01	354.2	9.49+04	359.7	2.85+05
651208	82364	3A	.03460	.03539	1.16+01	357.0	1.00+05	358.5	2.71+05
651208	82620	3A	.03502	.03424	1.37+01	349.5	9.48+04	357.5	2.86+05
651208	84156	3A	.02715	.02176	9.41+00	355.5	1.08+05	367.9	3.44+05
651208	84412	3A	.02778	.02414	7.11+00	368.0	1.02+05	372.4	3.23+05
651208	85180	3A	.02585	.02871	5.16+00	381.6	9.32+04	389.7	4.14+05
651209	60	3A	.02925	.03326	3.79+00	406.5	1.87+05	431.9	3.31+05
651209	316	3A	.02884	.07819	3.56+00	403.2	1.89+05	417.0	4.19+05
651209	572	3A	.03856	.06988	3.62+00	404.8	1.81+05	423.9	6.64+05
651209	1340	3A	.03103	.03972	3.38+00	407.7	1.78+05	429.0	4.73+05
651209	1596	3A	.02998	.03486	4.05+00	400.9	2.39+05	439.1	4.98+05
651209	1852	3A	.02772	.03104	4.35+00	403.4	2.33+05	441.7	5.50+05
651209	2108	3A	.03010	.03430	4.41+00	408.8	2.12+05	445.4	6.46+05
651209	2364	3A	.03210	.06736	4.03+00	401.6	2.12+05	428.4	5.11+05
651209	3644	3A	.02750	.07588	4.49+00	402.4	2.25+05	431.5	3.94+05
651209	4156	3A	.02684	.02971	3.64+00	403.5	2.19+05	444.6	7.02+05
651209	4412	3A	.03160	.09349	4.08+00	405.7	2.34+05	443.6	5.58+05
651209	4668	3A	.02667	.07115	3.64+00	407.6	2.09+05	423.0	4.30+05
651209	6204	3A	.01867	.02199	3.85+00	393.8	1.72+05	421.2	3.89+05
651209	6460	3A	.01643	.04403	3.76+00	386.2	2.00+05	391.2	2.95+05
651209	6716	3A	.01743	.05496	3.52+00	389.1	1.94+05	419.1	5.34+05
651209	6972	3A	.02206	.06191	3.96+00	365.4	1.84+05	417.2	6.07+05
651209	7228	3A	.02157	.02720	3.51+00	377.5	1.80+05	413.9	4.63+05
651209	8508	3A	.01979	.04167	4.13+00	398.9	1.54+05	419.6	5.22+05
651209	8764	3A	.01859	.04013	4.44+00	391.3	1.61+05	419.0	5.30+05
651209	9020	3A	.02290	.05446	4.12+00	387.8	1.29+05	412.0	5.49+05
651209	21820	3A	.00744	.00867	5.26+00	393.9	1.17+05	416.1	3.95+05
651209	22076	3A	.00832	.00829	4.99+00	395.7	1.19+05	416.6	4.10+05
651209	22332	3A	.00729	.00827	5.35+00	387.5	1.42+05	424.7	4.30+05
651209	22588	3A	.00936	.01091	5.37+00	389.6	1.28+05	414.6	4.50+05
651209	24124	3A	.00867	.00893	4.44+00	399.4	1.53+05	442.4	3.95+05
651209	24380	3A	.00924	.00989	4.35+00	399.8	1.53+05	435.3	6.35+05
651209	24636	3A	.00768	.00786	4.67+00	400.3	1.41+05	438.7	3.67+05
651209	24892	3A	.01244	.01123	5.97+00	388.1	1.26+05	417.6	4.94+05
651209	25148	3A	.00702	.00736	5.36+00	400.3	1.24+05	438.7	3.13+05
651209	26684	3A	.01354	.00927	4.32+00	416.2	1.45+05	430.3	5.87+05
651209	26940	3A	.01967	.06155	3.86+00	419.4	1.79+05	443.8	5.93+05
651209	27196	3A	.01420	.02831	4.13+00	429.2	1.66+05	444.6	3.95+05
651209	27452	3A	.02316	.02572	4.25+00	432.9	1.36+05	439.7	4.67+05
651209	28988	3A	.02043	.01650	4.64+00	457.6	1.75+05	471.1	5.33+05
651209	29244	3A	.01973	.01700	4.31+00	460.9	1.59+05	474.7	5.69+05
651209	41276	3A	.02229	.02241	4.31+00	448.2	1.44+05	458.2	3.95+05
651209	81296	3R	.00531	.00600	3.99+00	357.1	1.31+05	405.6	6.47+05
651210	21520	3R	.00370	.00593	2.52+00	354.5	4.27+04	357.8	1.86+05
651210	23568	3R	.00953	.01003	5.49+00	383.6	7.15+04	373.8	2.18+05
651210	23824	3R	.00542	.00855	4.87+00	381.9	6.32+04	378.4	1.64+05
651210	24080	3R	.01138	.01223	4.66+00	379.9	6.67+04	378.4	2.46+05
651210	24336	3R	.01141	.01041	5.58+00	380.4	7.26+04	380.2	2.79+05
651210	24592	3R	.01287	.01179	4.92+00	383.8	6.64+04	378.6	3.66+05
651210	25872	3R	.00913	.00914	4.81+00	384.6	5.82+04	349.3	2.03+05

DATE	TIME	RD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
651208	31677	3A	.01143	.00961	6.65+00	367.0	5.13+04	367.9	2.68+05
651208	31933	3A	.01214	.01260	6.86+00	368.8	4.89+04	371.4	2.10+05
651208	32169	3A	.01251	.01122	6.82+00	365.1	5.67+04	373.2	2.91+05
651208	33725	3A	.01436	.01404	6.81+00	369.8	4.61+04	381.4	2.40+05
651208	33981	3A	.01617	.01662	6.99+00	370.7	4.90+04	373.2	2.39+05
651208	34237	3A	.01331	.01237	6.69+00	375.4	4.44+04	378.2	3.30+05
651208	34493	3A	.01208	.01250	7.58+00	375.3	4.45+04	374.2	2.44+05
651208	34749	3A	.00947	.01025	6.27+00	369.4	5.01+04	370.3	2.88+05
651208	36285	3A	.00591	.00589	6.88+00	383.3	3.98+04	383.4	7.23+04
651208	36541	3A	.00949	.00948	7.62+00	380.2	3.90+04	384.0	1.48+05
651208	36797	3A	.01068	.01036	7.59+00	380.2	4.08+04	384.2	2.16+05
651208	38845	3A	.00828	.00844	7.58+00	388.3	3.79+04	390.5	1.45+05
651208	39101	3A	.01534	.01519	3.74+00	385.6	5.56+04	391.9	1.22+05
651208	39613	3A	.01827	.01829	4.48+00	388.4	5.80+04	394.0	2.10+05
651208	41149	3A	.02005	.01987	4.49+00	383.7	5.29+04	386.9	1.12+05
651208	41405	3A	.02658	.02651	4.31+00	382.9	5.60+04	387.9	1.08+05
651208	41917	3A	.01782	.01747	6.49+00	382.3	3.96+04	385.1	1.73+05
651208	43709	3A	.01135	.01132	6.24+00	380.7	3.63+04	386.3	1.42+05
651208	44221	3A	.01221	.01225	8.56+00	379.5	3.86+04	379.1	2.00+05
651208	45757	3A	.01303	.01290	6.38+00	373.9	3.86+04	377.2	1.48+05
651208	46013	3A	.01069	.01064	6.42+00	377.1	4.00+04	379.4	1.50+05
651208	46269	3A	.01048	.01050	6.22+00	375.4	4.13+04	378.2	1.70+05
651208	46525	3A	.01560	.01563	7.11+00	370.8	3.89+04	369.4	1.88+05
651208	46781	3A	.00972	.00969	6.61+00	372.4	3.94+04	373.9	1.33+05
651208	48061	3A	.00999	.01004	6.75+00	374.5	3.76+04	375.7	1.29+05
651208	48573	3A	.00952	.00957	8.42+00	374.0	3.70+04	373.5	1.05+05
651208	49085	3A	.01007	.01014	7.76+00	368.4	4.20+04	368.9	8.87+04
651208	50621	3A	.01676	.01678	7.96+00	364.4	3.19+04	368.4	1.16+05
651208	50877	3A	.01923	.01927	7.60+00	364.3	3.33+04	369.2	1.14+05
651208	51133	3A	.01382	.01381	9.16+00	369.5	3.24+04	373.1	1.19+05
651208	51369	3A	.01703	.01690	7.52+00	359.9	3.14+04	366.1	1.45+05
651208	52925	3A	.01418	.01419	8.53+00	383.4	3.14+04	369.6	1.79+05
651208	53181	3A	.01625	.01631	8.87+00	355.1	3.85+04	361.6	1.48+05
651208	53437	3A	.01875	.01825	9.33+00	352.0	3.77+04	354.2	1.71+05
651208	53949	3A	.01927	.01900	7.27+00	356.2	4.32+04	356.9	1.86+05
651208	55485	3A	.01897	.01803	9.50+00	376.9	7.11+04	376.9	2.55+05
651208	56253	3A	.02189	.02176	1.06+01	375.7	3.16+04	373.1	1.93+05
651208	58045	3A	.02976	.03071	7.60+00	365.5	7.30+04	367.4	2.07+05
651208	58301	3A	.02991	.02645	6.83+00	358.5	8.87+04	357.7	2.72+05
651208	58557	3A	.02606	.02650	7.93+00	363.5	7.84+04	366.0	1.75+05
651208	58813	3A	.03141	.03054	7.74+00	386.0	3.74+04	368.8	1.83+05
651208	60861	3A	.03506	.03499	4.77+00	368.0	2.60+04	368.5	1.36+05
651208	61117	3A	.03967	.03951	5.46+00	365.8	3.10+04	366.4	1.34+05
651208	62653	3A	.04164	.04130	4.33+00	378.5	4.13+04	371.0	2.40+05
651208	63165	3A	.01947	.01942	1.32+01	374.8	3.74+04	377.0	1.33+05
651208	65725	3A	.03353	.03153	1.17+01	357.9	5.61+04	355.5	2.39+05
651208	65980	3A	.02888	.02858	1.20+01	357.6	5.84+04	359.9	2.13+05
651208	67516	3A	.02828	.02929	6.68+00	376.0	1.06+05	382.7	3.53+05
651208	67772	3A	.02779	.02762	6.82+00	378.9	1.01+05	380.3	3.10+05
651208	68028	3A	.02856	.02860	5.78+00	377.6	1.02+05	379.6	3.49+05
651208	68284	3A	.02507	.02413	5.63+00	375.0	9.36+04	379.2	3.44+05
651208	69820	3A	.02380	.02503	6.31+00	374.9	1.28+05	379.0	3.10+05
651208	70078	3A	.02991	.03180	5.43+00	363.6	1.19+05	373.2	3.96+05
651208	70332	3A	.02459	.02492	7.63+00	373.6	9.77+04	373.2	4.07+05
651208	70588	3A	.02398	.02411	6.44+00	374.1	1.02+05	380.0	2.82+05
651208	72124	3A	.01516	.03509	6.78+00	395.0	1.70+05	418.3	4.59+05
651208	72340	3A	.01903	.02187	7.66+00	397.1	1.99+05	435.5	4.76+05
651208	72636	3A	.02454	.07968	5.03+00	386.1	2.09+05	406.8	4.98+05
651208	72892	3A	.02732	.03102	6.00+00	399.8	2.01+05	423.4	3.76+05
651208	73148	3A	.02507	.05391	6.64+00	382.0	1.63+05	399.4	5.25+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651206	21263	3B	.03733	.03734	5.11+00	325.6	5.45+04	349.0	1.30+05
651206	21519	3B	.01877	.01837	6.64+00	327.9	4.25+04	338.0	1.37+05
651206	23055	3B	.01979	.01991	7.55+00	331.3	5.82+04	340.6	1.73+05
651206	23823	3B	.02178	.02317	1.01+01	305.2	9.26+04	321.1	1.95+05
651206	37391	3B	.01466	.01433	5.17+00	355.2	4.45+04	343.5	1.82+05
651206	45563	3B	.01622	.01745	4.90+00	335.8	3.77+04	343.4	1.42+05
651206	45839	3B	.01991	.01979	5.57+00	342.4	3.15+04	341.6	1.50+05
651206	46095	3B	.05090	.05066	5.47+00	343.0	3.34+04	339.0	1.55+05
651207	40509	3A	.03654	.02853	9.65+00	360.6	8.70+04	340.9	2.77+05
651207	40765	3A	.04981	.05036	9.63+00	368.3	7.40+04	367.9	2.65+05
651207	42301	3A	.05449	.05759	5.21+00	356.6	6.45+04	369.3	2.21+05
651207	61213	3A	.01073	.01044	4.87+00	298.2	3.57+04	310.5	9.36+04
651207	81981	3A	.02129	.02113	4.41+00	305.1	4.53+04	323.6	4.79+05
651207	83261	3A	.01444	.01426	4.23+00	318.2	2.64+04	322.5	1.19+05
651207	83517	3A	.01843	.01844	4.28+00	318.5	2.58+04	322.1	9.53+04
651207	83773	3A	.01547	.01570	4.59+00	320.0	2.72+04	320.0	1.09+05
651207	84029	3A	.02051	.02051	4.63+00	318.6	2.96+04	321.8	1.46+05
651207	84285	3A	.01981	.01923	4.39+00	321.6	3.02+04	323.8	1.26+05
651207	86077	3A	.01273	.01210	4.31+00	317.2	2.20+04	318.7	1.48+05
651207	86333	3A	.01099	.01102	4.02+00	312.2	2.49+04	313.9	1.85+05
651208	1725	3A	.01428	.01433	4.55+00	316.4	2.29+04	317.0	1.46+05
651208	1981	3A	.01326	.01323	4.73+00	321.5	2.18+04	324.8	1.06+05
651208	2237	3A	.01675	.01654	4.45+00	322.1	2.15+04	328.2	1.44+05
651208	2493	3A	.01297	.01292	4.60+00	322.0	2.11+04	326.8	9.37+04
651208	4029	3A	.01076	.01078	4.31+00	319.7	2.10+04	327.8	1.27+05
651208	4285	3A	.00986	.00985	4.19+00	319.6	2.17+04	316.4	2.61+05
651208	4541	3A	.01503	.01487	4.37+00	322.6	2.56+04	323.8	9.01+04
651208	4797	3A	.01523	.01503	4.48+00	322.6	2.78+04	325.9	1.40+05
651208	5053	3A	.01330	.01330	4.32+00	323.6	2.41+04	325.6	8.29+04
651208	6845	3A	.02214	.02215	3.55+00	311.5	1.98+04	325.5	9.45+04
651208	7357	3A	.01257	.01273	4.35+00	314.5	2.34+04	310.3	1.27+05
651208	8893	3A	.00797	.00749	3.45+00	321.9	3.52+04	327.4	2.64+05
651208	9149	3A	.00701	.00700	3.65+00	323.2	3.14+04	329.3	1.78+05
651208	9405	3A	.00927	.00909	3.31+00	328.3	3.69+04	328.9	1.85+05
651208	9661	3A	.00819	.00833	3.00+00	336.2	2.80+04	333.5	1.93+05
651208	9917	3A	.00789	.00782	2.88+00	326.9	2.54+04	328.4	1.53+05
651208	17085	3A	.01536	.01545	3.05+00	345.1	3.36+04	345.5	1.89+05
651208	17341	3A	.00941	.00900	3.28+00	347.3	3.81+04	351.4	2.63+05
651208	17597	3A	.01451	.01518	2.95+00	343.3	3.57+04	344.5	1.35+05
651208	17853	3A	.02062	.01884	3.51+00	349.0	4.22+04	351.7	3.17+05
651208	19389	3A	.01677	.01808	5.39+00	368.7	6.68+04	367.8	2.49+05
651208	19645	3A	.01641	.01670	5.71+00	365.5	6.07+04	372.1	2.50+05
651208	19901	3A	.01499	.01415	5.56+00	373.5	6.04+04	369.2	3.46+05
651208	20157	3A	.01579	.01654	5.28+00	360.3	7.03+04	366.7	3.39+05
651208	22205	3A	.01683	.01642	3.99+00	374.0	4.45+04	363.8	2.63+05
651208	22461	3A	.01545	.01526	5.05+00	378.6	4.52+04	378.2	2.46+05
651208	22717	3A	.01750	.01719	4.30+00	372.1	3.34+04	373.6	1.74+05
651208	24253	3A	.01432	.01417	5.48+00	375.6	3.17+04	381.1	1.50+05
651208	24509	3A	.01465	.01428	5.07+00	376.2	3.37+04	378.5	2.31+05
651208	24765	3A	.01568	.01562	5.72+00	373.6	3.14+04	372.3	1.21+05
651208	26557	3A	.01703	.01736	5.43+00	371.5	5.20+04	372.2	3.02+05
651208	26813	3A	.01232	.01136	5.98+00	367.2	5.40+04	365.9	4.06+05
651208	27069	3A	.01130	.01009	5.34+00	373.6	5.50+04	377.3	3.60+05
651208	27325	3A	.01444	.01303	6.04+00	373.6	5.74+04	378.8	3.72+05
651208	27581	3A	.01107	.01146	6.32+00	375.6	5.99+04	376.4	3.04+05
651208	28117	3A	.01322	.01141	6.73+00	379.1	4.92+04	373.0	3.26+05
651208	29373	3A	.01086	.01053	6.04+00	367.1	6.09+04	376.5	3.04+05
651208	29629	3A	.01510	.01318	5.82+00	369.6	7.45+04	373.4	3.61+05
651208	29885	3A	.01496	.01298	5.34+00	365.4	6.52+04	370.4	2.77+05
651208	31421	3A	.00834	.00815	6.40+00	370.9	5.40+04	379.7	2.53+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651204	36287	3A	.03093	.02916	1.13+01	356.3	5.12+04	348.3	1.25+05
651204	36543	3A	.03316	.03139	1.11+01	351.9	5.78+04	348.2	1.47+05
651204	36799	3A	.03493	.03392	1.15+01	359.2	5.62+04	357.8	1.97+05
651204	39359	3A	.03996	.03982	1.36+01	366.4	5.06+04	367.9	1.45+05
651204	39871	3A	.04147	.04138	1.41+01	364.0	5.00+04	367.0	1.38+05
651204	53183	3A	.03778	.03775	8.10+00	392.1	3.72+04	394.4	1.23+05
651204	53695	3A	.04048	.04879	6.80+00	406.0	1.11+05	406.1	3.34+05
651204	56255	3A	.02317	.02812	5.30+00	407.3	2.40+05	436.6	4.72+05
651204	56511	3A	.02654	.08194	5.23+00	405.3	2.27+05	434.1	7.02+05
651204	69823	3A	.05607	.05599	4.60+00	412.2	8.84+04	418.6	4.25+05
651204	70979	3A	.05978	.05557	4.32+00	413.8	8.99+04	419.1	3.67+05
651204	70335	3A	.05422	.05570	4.46+00	414.9	8.50+04	420.5	3.63+05
651204	70591	3A	.05290	.05445	4.63+00	412.2	9.86+04	420.8	3.59+05
651205	7743	3A	.12131	.35822	6.80+00	337.8	2.85+05	362.9	7.80+05
651205	26990	3B	.03729	.03560	5.11+00	379.6	3.73+04	378.6	1.86+05
651205	29038	3B	.02563	.02569	7.04+00	351.0	6.55+04	376.2	2.60+05
651205	29294	3B	.03157	.03161	5.33+00	374.3	3.50+04	376.3	1.34+05
651205	31342	3B	.02333	.02335	5.18+00	382.2	3.75+04	378.9	1.67+05
651205	31598	3B	.01816	.01780	5.08+00	381.5	4.29+04	380.0	1.76+05
651205	32110	3B	.02708	.02728	6.66+00	389.2	4.61+04	379.3	1.48+05
651205	44975	3B	.01774	.01811	8.20+00	361.8	3.92+04	376.2	2.79+05
651205	45743	3B	.03594	.04165	5.17+00	375.3	7.49+04	361.1	2.55+05
651205	49071	3B	.02895	.03152	4.69+00	351.6	4.61+04	350.3	1.56+05
651205	49327	3B	.02890	.02760	4.12+00	358.9	3.63+04	335.5	2.09+05
651205	51631	3B	.02900	.02986	3.77+00	366.1	5.24+04	367.6	1.39+05
651205	51887	3B	.01710	.01898	4.88+00	368.0	7.69+04	368.5	2.49+05
651205	52143	3B	.02266	.02316	6.01+00	364.2	5.54+04	370.1	1.59+05
651205	53679	3B	.01200	.01297	9.11+00	362.7	7.50+04	360.0	1.14+05
651205	53935	3B	.01886	.01880	6.15+00	371.3	3.99+04	365.9	1.48+05
651205	55983	3B	.00681	.00734	1.35+01	353.2	9.01+04	358.5	1.44+05
651205	56239	3B	.02201	.02321	9.55+00	364.3	6.18+04	354.8	1.35+05
651205	56495	3B	.02114	.02081	6.84+00	368.3	4.28+04	364.0	1.82+05
651205	56751	3B	.02696	.02791	7.87+00	350.9	7.16+04	349.0	2.21+05
651205	57007	3B	.02176	.02186	8.91+00	367.3	6.34+04	374.5	1.22+05
651205	58287	3B	.02915	.02822	8.62+00	370.9	6.40+04	370.7	2.36+05
651205	58543	3B	.02117	.02160	8.88+00	370.7	8.36+04	373.2	1.93+05
651205	59055	3B	.02725	.02714	5.26+00	364.1	4.05+04	357.7	1.62+05
651205	60815	3B	.02855	.02800	5.26+00	351.4	3.87+04	355.9	1.32+05
651205	61071	3B	.03757	.03698	5.42+00	362.8	2.91+04	348.9	1.82+05
651205	63119	3B	.02351	.02457	7.53+00	348.6	7.58+04	352.3	1.62+05
651205	63375	3B	.05783	.05670	3.99+00	355.4	5.38+04	354.8	1.71+05
651205	63631	3B	.02532	.02548	5.06+00	353.6	4.80+04	358.7	1.51+05
651205	63887	3B	.02449	.02393	5.64+00	364.9	6.15+04	360.4	2.04+05
651205	64399	3B	.03230	.03249	5.86+00	363.2	5.25+04	357.7	1.52+05
651205	79247	3B	.03903	.03740	5.28+00	354.0	3.99+04	346.4	1.72+05
651205	80015	3B	.02898	.02978	4.15+00	349.8	4.50+04	334.3	1.39+05
651205	80527	3B	.01176	.01329	4.91+00	345.1	4.14+04	348.7	2.21+05
651206	13327	3B	.03542	.03491	6.03+00	362.3	4.74+04	357.7	1.63+05
651206	13583	3B	.03424	.03401	6.25+00	359.7	4.72+04	357.2	1.60+05
651206	13839	3B	.04246	.04231	4.93+00	358.0	4.85+04	359.2	1.47+05
651206	14095	3B	.01906	.01929	1.04+01	350.8	6.40+04	350.6	1.27+05
651206	14351	3B	.03652	.03681	6.13+00	363.8	5.02+04	363.0	1.67+05
651206	15887	3B	.04411	.04312	5.59+00	370.5	5.25+04	370.6	1.80+05
651206	16143	3B	.03595	.03571	5.67+00	369.4	4.79+04	367.8	1.74+05
651206	16399	3B	.02870	.02777	5.78+00	368.0	5.07+04	367.6	1.76+05
651206	16655	3B	.04215	.04194	5.29+00	355.4	3.54+04	364.3	1.27+05
651206	18191	3B	.03898	.03605	7.04+00	357.1	5.16+04	351.5	2.26+05
651206	18447	3B	.03544	.03271	7.91+00	354.3	5.33+04	351.9	2.39+05
651206	19215	3B	.12911	.12827	6.03+00	352.8	6.38+04	356.4	2.40+05
651206	20751	3B	.02844	.02970	2.50+00	343.8	5.67+04	340.5	1.36+05

DATE	TIME	BD	APR1	APR2	DENSITY	F VEL.	F TEMP	A VEL.	A TEMP
651130	35564	3B	.06775	.00692	8.93+00	346.8	4.99+04	351.3	9.67+04
651130	35820	3B	.03462	.03438	1.69+01	351.7	4.23+04	351.8	9.18+04
651130	36076	3B	.04227	.04217	1.43+01	351.3	4.71+04	353.0	8.46+04
651130	36076	3B	.07663	.07645	7.98+00	346.4	5.76+04	353.0	8.44+04
651130	52205	3B	.02370	.02116	1.66+01	345.3	6.95+04	349.9	2.96+05
651130	52717	3B	.03588	.03459	1.94+01	356.6	4.78+04	354.0	1.13+05
651130	52973	3B	.03023	.03007	1.90+01	355.8	4.67+04	356.4	9.81+04
651130	53229	3B	.02007	.02010	1.92+01	360.0	5.24+04	362.0	1.23+05
651130	70381	3B	.04418	.05152	6.66+00	450.9	1.61+05	457.2	4.71+05
651130	70637	3B	.06218	.06401	6.77+00	435.8	1.37+05	447.0	4.48+05
651130	70893	3B	.05463	.05594	7.79+00	437.4	1.52+05	446.7	4.04+05
651130	71405	3B	.08387	.08699	7.54+00	444.1	1.49+05	463.9	5.63+05
651130	71917	3B	.06544	.06771	6.57+00	439.6	1.41+05	446.7	4.46+05
651130	72173	3B	.08476	.07922	5.50+00	445.9	1.26+05	441.3	5.51+05
651130	72429	3B	.06201	.06252	6.90+00	434.9	1.42+05	449.5	5.40+05
651201	13933	3B	.03666	.03733	3.62+00	407.9	8.49+04	413.9	3.54+05
651201	14189	3B	.04013	.04027	3.48+00	411.1	6.78+04	416.6	3.47+05
651201	14445	3B	.02943	.02970	3.58+00	410.6	6.73+04	419.6	3.96+05
651201	14701	3B	.03851	.03906	2.84+00	411.9	7.11+04	417.3	3.44+05
651201	14957	3B	.03378	.03001	4.37+00	406.5	6.71+04	401.1	4.82+05
651201	15725	3B	.02916	.02863	5.06+00	413.3	6.29+04	407.8	3.42+05
651201	22637	3B	.01637	.01479	4.04+00	411.3	7.16+04	405.3	4.07+05
651201	22893	3B	.02035	.02031	4.13+00	411.2	6.28+04	426.0	3.61+05
651201	25965	3B	.04103	.04115	3.93+00	422.8	7.12+04	425.6	2.75+05
651201	32877	3B	.02479	.02424	9.46+00	392.7	8.35+04	389.8	3.81+05
651201	33133	3B	.02649	.02715	5.97+00	377.7	7.13+04	399.7	2.06+05
651201	34157	3B	.02195	.02228	9.94+00	407.7	8.19+04	402.2	2.56+05
651201	36205	3B	.01576	.01529	1.08+01	402.8	6.66+04	387.9	2.57+05
651201	50797	3B	.06581	.06079	5.52+00	415.6	1.12+05	424.4	5.00+05
651201	51053	3B	.10901	.10878	5.21+00	413.0	1.04+05	430.8	6.17+05
651201	51309	3B	.07256	.06755	6.57+00	404.3	1.09+05	410.8	4.81+05
651201	52077	3B	.06958	.07027	5.91+00	423.6	1.06+05	433.0	3.49+05
651201	52333	3B	.07882	.07260	5.60+00	427.5	1.03+05	428.9	5.30+05
651203	49984	3A	.03145	.03151	3.12+00	347.2	3.60+04	347.5	7.94+04
651203	50240	3A	.02399	.02389	3.07+00	355.3	2.78+04	355.8	1.01+05
651203	66368	3A	.02647	.02639	3.64+00	361.1	3.34+04	363.4	6.70+04
651203	66624	3A	.02364	.02349	3.75+00	360.9	3.61+04	364.4	1.98+05
651203	67136	3A	.02899	.02898	3.56+00	360.7	4.14+04	367.2	1.61+05
651203	67392	3A	.03111	.03100	3.72+00	359.2	3.63+04	353.3	1.39+05
651203	68928	3A	.02350	.02342	4.09+00	356.6	3.99+04	358.5	9.17+04
651203	69184	3A	.02966	.02877	3.62+00	357.3	4.04+04	356.6	1.34+05
651203	69440	3A	.02629	.02637	3.70+00	357.4	4.04+04	357.4	8.72+04
651203	79680	3A	.03101	.03090	4.12+00	344.5	4.20+04	344.0	1.37+05
651203	79936	3A	.02407	.02392	4.04+00	354.0	3.04+04	351.9	1.05+05
651203	80191	3A	.01958	.01963	3.99+00	351.0	3.53+04	352.7	1.08+05
651203	82240	3A	.03171	.02886	4.05+00	353.4	4.38+04	345.8	1.81+05
651203	82495	3A	.02785	.02746	5.24+00	356.2	4.37+04	356.2	1.60+05
651203	82752	3A	.02883	.02875	4.93+00	357.8	4.72+04	354.5	1.86+05
651203	83007	3A	.02232	.02239	5.83+00	358.9	4.20+04	360.2	1.69+05
651203	83263	3A	.05129	.05130	3.67+00	349.4	2.97+04	344.1	2.69+05
651204	8830	3A	.02577	.02733	5.50+00	342.5	5.01+04	346.0	1.30+05
651204	8895	3A	.02275	.02169	5.74+00	353.6	3.74+04	353.2	1.65+05
651204	10687	3A	.02048	.02027	4.76+00	342.2	3.81+04	349.3	1.14+05
651204	15295	3A	.03716	.03690	8.75+00	355.7	4.53+04	357.1	9.46+04
651204	15551	3A	.03196	.03180	7.84+00	353.1	4.76+04	356.5	1.16+05
651204	15807	3A	.03508	.03510	6.87+00	352.6	4.59+04	356.0	1.84+05
651204	16063	3A	.03932	.03932	6.76+00	351.6	4.21+04	355.3	1.56+05
651204	18111	3A	.03541	.03496	6.66+00	354.6	4.63+04	358.6	1.43+05
651204	18367	3A	.03043	.02994	6.95+00	354.0	4.81+04	357.2	1.70+05
651204	18623	3A	.03258	.03205	7.26+00	353.2	4.67+04	356.3	1.49+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651128	30659	3A	.05282	.05223	5.30+00	355.2	4.85+04	356.4	2.63+05
651128	38339	3A	.09019	.09008	4.04+00	330.7	4.15+04	330.7	1.92+05
651128	38595	3A	.05592	.05574	5.51+00	342.3	5.57+04	338.1	1.44+05
651128	51651	3A	.06742	.06320	4.19+00	323.6	3.45+04	320.2	2.07+05
651128	51907	3A	.06216	.06118	4.78+00	331.5	4.28+04	323.8	1.40+05
651128	52163	3A	.04589	.04444	4.41+00	334.8	4.73+04	336.7	1.81+05
651128	71363	3A	.03098	.03094	5.31+00	335.2	4.96+04	340.5	1.55+05
651128	71619	3A	.04669	.04439	5.13+00	335.0	4.88+04	337.0	2.17+05
651128	71875	3A	.04873	.04905	5.81+00	339.2	5.26+04	336.3	2.42+05
651128	72643	3A	.04333	.04251	5.58+00	339.7	4.79+04	343.0	1.72+05
651129	1859	3A	.02078	.02116	7.02+00	344.4	4.92+04	348.0	1.42+05
651129	2115	3A	.02435	.02432	6.51+00	341.4	5.43+04	348.3	2.59+05
651129	2371	3A	.01939	.01969	6.75+00	342.0	5.21+04	344.7	1.29+05
651129	2627	3A	.01922	.01904	6.77+00	342.3	5.07+04	342.4	1.88+05
651129	2883	3A	.01694	.01626	6.55+00	338.7	5.76+04	350.3	2.07+05
651129	3139	3A	.01939	.01968	7.28+00	341.9	5.41+04	343.3	1.65+05
651129	17475	3A	.02141	.01921	4.73+00	362.3	4.78+04	350.1	2.76+05
651129	17731	3A	.02119	.02112	4.54+00	354.0	4.44+04	349.8	2.13+05
651129	17987	3A	.02405	.02394	4.58+00	357.0	4.62+04	355.3	2.62+05
651129	19267	3A	.02835	.02776	5.11+00	369.1	7.17+04	367.8	2.30+05
651129	19523	3A	.02808	.02636	5.30+00	371.9	6.54+04	366.5	2.70+05
651129	19779	3A	.02377	.02389	4.98+00	369.4	5.58+04	371.6	1.79+05
651129	20035	3A	.03584	.03269	4.64+00	369.5	4.10+04	365.2	2.87+05
651129	20291	3A	.02944	.02901	5.06+00	370.3	3.56+04	370.7	2.03+05
651129	21827	3A	.02516	.02513	5.64+00	369.8	3.68+04	370.3	1.59+05
651129	22083	3A	.02588	.02585	5.88+00	367.5	3.62+04	371.7	1.92+05
651129	22339	3A	.02949	.02949	4.73+00	364.9	3.89+04	369.3	1.77+05
651129	22595	3A	.03243	.03235	4.63+00	366.3	3.01+04	368.9	1.87+05
651129	24131	3A	.02626	.02617	5.05+00	367.7	3.59+04	368.9	2.09+05
651129	24387	3A	.02643	.02618	5.03+00	368.2	3.66+04	366.8	1.91+05
651129	24643	3A	.02760	.02758	4.90+00	368.3	3.41+04	369.4	1.86+05
651129	24899	3A	.02789	.02738	4.53+00	367.2	3.49+04	369.2	1.83+05
651129	25155	3A	.02278	.02265	5.08+00	368.9	3.59+04	371.8	1.87+05
651129	26435	3A	.02263	.02239	5.30+00	368.5	4.33+04	368.6	2.58+05
651129	26691	3A	.02486	.02483	5.40+00	373.3	4.09+04	377.1	2.14+05
651129	26947	3A	.03094	.03061	4.95+00	366.6	4.39+04	371.1	2.26+05
651129	27203	3A	.03194	.03152	5.06+00	362.9	4.37+04	367.1	2.69+05
651129	27459	3A	.03000	.03075	4.95+00	359.4	4.95+04	363.6	2.41+05
651129	28995	3A	.02564	.02573	7.18+00	368.6	5.17+04	364.9	2.31+05
651129	29251	3A	.02811	.02823	6.89+00	385.4	5.43+04	386.9	2.55+05
651129	29507	3A	.03071	.03074	7.01+00	384.4	4.98+04	383.7	1.93+05
651129	29763	3A	.02805	.02795	7.12+00	382.5	5.37+04	385.2	2.43+05
651129	30019	3A	.02636	.02632	7.00+00	380.8	4.69+04	383.8	2.35+05
651129	44610	3A	.02922	.03225	5.95+00	346.3	6.45+04	352.8	2.66+05
651129	44866	3A	.02620	.02560	5.71+00	341.4	7.43+04	354.1	2.63+05
651129	45122	3A	.02756	.03202	6.02+00	341.4	7.63+04	347.6	2.63+05
651129	45634	3A	.03243	.03613	5.88+00	343.2	7.48+04	350.6	2.81+05
651129	45890	3A	.02873	.02699	5.52+00	348.4	6.87+04	352.8	2.85+05
651129	46146	3A	.02603	.02631	5.92+00	345.3	7.39+04	353.8	2.49+05
651129	63554	3A	.02290	.02322	4.64+00	350.7	5.81+04	347.3	2.35+05
651129	63810	3A	.02129	.02109	4.85+00	343.9	5.71+04	346.8	2.37+05
651129	64322	3A	.02190	.02217	4.45+00	343.4	5.82+04	345.0	2.03+05
651129	64578	3A	.02295	.02543	4.27+00	345.1	6.45+04	351.3	2.57+05
651129	64834	3A	.02245	.02198	4.19+00	343.3	5.71+04	343.0	2.34+05
651129	65090	3A	.02237	.02042	4.03+00	336.8	6.16+04	343.4	2.04+05
651129	65346	3A	.02178	.01806	4.19+00	336.0	7.66+04	340.1	2.64+05
651129	74306	3A	.01180	.01289	4.75+00	340.5	7.76+04	365.4	2.63+05
651130	25068	3B	.01215	.01072	1.32+01	340.7	4.24+04	343.5	2.96+05
651130	25324	3B	.01570	.01603	9.88+00	339.7	3.30+04	343.0	1.00+05
651130	35308	3B	.03206	.03201	1.66+01	348.5	4.00+04	351.0	6.98+04

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651124	05445	3A	.05285	.05049	6.63+00	355.7	5.79+04	350.4	1.61+05
651124	05557	3A	.05367	.05358	6.60+00	359.2	6.43+04	366.2	2.02+05
651125	1605	3A	.05084	.05088	6.56+00	351.6	5.05+04	354.1	2.11+05
651125	1861	3A	.04960	.05023	6.68+00	350.0	5.29+04	354.0	1.98+05
651125	2117	3A	.04958	.04578	6.61+00	349.4	5.22+04	351.2	2.30+05
651125	18245	3A	.05106	.05074	5.22+00	347.4	4.44+04	349.9	1.56+05
651125	18501	3A	.05994	.06027	5.82+00	347.6	4.91+04	349.8	1.50+05
651125	18757	3A	.04873	.04795	5.19+00	351.4	4.97+04	350.1	2.28+05
651125	19013	3A	.05371	.05333	4.84+00	351.6	4.84+04	351.0	1.94+05
651125	21573	3A	.04979	.04702	5.36+00	356.6	5.29+04	356.1	2.33+05
651125	21829	3A	.05429	.05078	6.88+00	357.6	5.37+04	355.0	2.50+05
651125	30021	3A	.04584	.04659	7.23+00	344.8	5.40+04	348.4	1.74+05
651125	30277	3A	.03979	.03863	6.68+00	344.6	5.83+04	355.4	1.35+05
651125	33349	3A	.04122	.04094	6.39+00	349.0	4.96+04	352.2	2.08+05
651125	50795	3B	.04055	.03999	1.69+01	350.2	5.04+04	349.3	1.28+05
651125	51819	3B	.01637	.01677	8.34+00	351.9	6.35+04	344.0	1.29+05
651125	53667	3B	.01471	.04507	9.92+00	354.4	5.96+04	348.5	1.68+05
651125	56389	3A	.04040	.03958	1.19+01	320.6	1.02+05	333.7	4.17+05
651125	56645	3A	.05109	.05141	1.04+01	349.7	8.97+04	365.5	2.60+05
651125	67435	3B	.04079	.03898	1.86+01	349.9	5.91+04	347.6	1.56+05
651125	67691	3B	.04578	.04669	1.19+01	350.0	5.87+04	342.5	1.19+05
651125	67947	3B	.02494	.02641	1.14+01	350.3	6.65+04	334.5	1.32+05
651125	68203	3B	.04562	.04747	1.84+01	346.6	5.04+04	337.3	1.17+05
651125	70507	3B	.02570	.02869	9.35+00	336.4	6.14+04	327.9	1.55+05
651125	70763	3B	.06365	.06609	6.43+00	331.3	7.01+04	336.8	1.52+05
651125	71019	3B	.06398	.06335	7.19+00	343.1	6.56+04	333.5	1.56+05
651125	80491	3B	.04271	.04376	7.55+00	349.1	4.05+04	345.8	1.76+05
651125	80747	3B	.03390	.03410	6.15+00	343.9	4.03+04	317.9	1.54+05
651125	81003	3B	.03648	.03664	6.16+00	338.7	5.71+04	338.1	1.24+05
651125	81259	3B	.03609	.03588	7.64+00	343.8	4.77+04	342.6	1.75+05
651125	83819	3B	.02649	.02632	7.61+00	347.3	4.67+04	344.1	2.04+05
651126	76559	3B	.01769	.01825	4.38+00	343.5	3.90+04	332.0	2.00+05
651126	79115	3B	.01103	.01109	6.48+00	343.2	4.02+04	347.4	1.11+05
651126	81711	3B	.02717	.02683	5.81+00	344.9	5.50+04	342.1	1.04+05
651126	10731	3B	.04325	.04383	6.23+00	341.2	3.71+04	344.4	1.38+05
651126	10987	3B	.01754	.01923	7.20+00	348.6	5.28+04	341.7	8.09+04
651126	22251	3B	.02168	.07755	4.11+00	380.5	2.02+05	420.2	6.28+05
651126	22507	3B	.02343	.02584	4.98+00	375.9	1.55+05	406.4	3.99+05
651126	22763	3B	.01823	.01798	6.40+00	435.3	1.64+05	450.7	3.67+05
651126	25323	3B	.01762	.01820	5.59+00	438.4	1.50+05	460.6	5.71+05
651126	25579	3B	.02752	.03014	5.68+00	431.8	1.50+05	447.9	5.76+05
651126	37355	3B	.01686	.01809	5.12+00	435.6	1.59+05	451.4	4.80+05
651126	37611	3B	.01979	.02380	4.81+00	416.9	1.32+05	430.4	4.71+05
651126	37667	3B	.01960	.02181	4.23+00	411.4	1.21+05	427.2	5.26+05
651126	38635	3B	.01024	.01031	4.64+00	416.3	1.08+05	434.0	4.28+05
651126	39859	3B	.01658	.01887	4.88+00	408.1	1.01+05	426.2	6.02+05
651126	40171	3B	.01546	.01683	5.13+00	414.3	6.76+04	416.4	3.63+05
651126	40427	3B	.00694	.00712	4.83+00	407.1	1.03+05	430.3	4.18+05
651126	40939	3B	.01074	.01039	4.81+00	406.6	1.24+05	415.4	3.53+05
651126	54507	3B	.01236	.03755	4.62+00	409.2	1.82+05	447.1	6.60+05
651126	62955	3B	.01282	.01294	3.98+00	429.0	1.01+05	444.4	4.72+05
651126	63467	3B	.01303	.01328	4.57+00	425.2	1.17+05	446.2	5.36+05
651126	63723	3B	.01205	.01286	4.38+00	410.4	1.39+05	436.9	3.13+05
651126	63979	3B	.00867	.01102	4.88+00	414.2	1.32+05	442.2	3.43+05
651126	64235	3B	.00887	.01001	4.84+00	411.6	1.32+05	436.8	2.69+05
651126	64491	3B	.01289	.03288	4.46+00	417.2	1.33+05	437.9	4.86+05
651126	64747	3B	.01333	.01374	4.72+00	418.8	1.33+05	442.0	4.63+05
651126	27587	3A	.05254	.05268	5.96+00	353.0	5.32+04	357.0	2.21+05
651126	27843	3A	.05627	.05360	5.71+00	350.3	5.51+04	352.8	2.10+05
651126	28099	3A	.05562	.05565	5.65+00	352.2	5.47+04	352.7	2.27+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL.	A TEMP
651121	52073	3B	.92096	.06599	3.14+00	441.0	1.81+05	492.1	8.06+05
651121	68713	3B	.01054	.01046	3.93+00	440.1	1.62+05	466.2	4.10+05
651121	68969	3B	.01208	.01270	3.93+00	442.7	1.60+05	460.6	4.56+05
651121	69225	3B	.01110	.01170	4.19+00	437.7	1.62+05	453.6	3.98+05
651121	69737	3B	.01290	.00879	4.19+00	432.0	2.40+05	452.1	5.63+05
651121	72297	3B	.00836	.00797	4.04+00	441.2	1.77+05	481.4	3.67+05
651121	80745	3B	.01041	.01064	3.90+00	436.0	9.29+04	451.9	4.59+05
651121	81001	3B	.01106	.01179	4.06+00	431.1	1.05+05	446.3	4.07+05
651121	81257	3B	.00822	.00879	4.10+00	426.3	1.10+05	432.8	2.12+05
651121	82281	3B	.00992	.01093	3.92+00	426.4	1.13+05	459.8	8.27+05
651121	82537	3B	.00886	.00924	4.17+00	418.9	1.09+05	441.9	4.73+05
651122	11498	3B	.02037	.01898	4.45+00	430.9	1.19+05	437.1	4.82+05
651122	11754	3B	.02095	.02124	4.72+00	433.4	1.25+05	454.0	5.72+05
651122	12010	3B	.01613	.01662	4.71+00	434.3	1.23+05	452.8	4.79+05
651122	14570	3B	.00902	.00916	3.94+00	408.7	1.38+05	443.5	5.58+05
651122	14626	3B	.02870	.02961	4.53+00	436.7	1.25+05	451.0	4.55+05
651122	15082	3B	.01815	.01893	4.81+00	437.4	1.12+05	450.2	5.38+05
651122	22250	3B	.01314	.01417	5.70+00	424.7	1.20+05	446.2	3.27+05
651122	22506	3B	.02276	.02297	5.08+00	409.5	1.91+05	433.5	4.00+05
651122	25322	3B	.02982	.03094	3.59+00	429.2	1.69+05	456.7	3.95+05
651122	25834	3B	.02946	.03003	1.81+00	433.2	1.66+05	451.7	4.06+05
651123	56902	3A	.01143	.01219	6.87+00	331.2	6.98+04	319.2	1.23+05
651123	57158	3A	.02338	.01854	2.43+00	332.9	2.87+04	334.0	1.67+05
651123	57670	3A	.01131	.01099	1.05+01	327.9	6.60+04	329.0	1.06+05
651123	65350	3A	.01069	.01047	6.36+00	327.8	3.58+04	325.3	1.00+05
651123	65606	3A	.01433	.01372	6.26+00	328.2	3.58+04	325.4	1.03+05
651123	65862	3A	.01333	.01310	6.02+00	326.3	3.44+04	327.2	9.33+04
651123	66374	3A	.01486	.01550	6.03+00	326.4	3.29+04	324.5	8.85+04
651123	66630	3A	.00546	.00556	6.03+00	325.5	4.29+04	324.4	1.00+05
651123	66342	3A	.00758	.00693	1.01+01	330.0	4.74+04	324.0	1.26+05
651124	454	3A	.01369	.01451	5.26+00	329.8	2.65+04	324.8	1.02+05
651124	710	3A	.01208	.01101	1.01+01	327.0	4.81+04	314.8	1.86+05
651124	966	3A	.01100	.01137	8.42+00	338.0	3.78+04	330.1	6.75+04
651124	1222	3A	.01952	.02058	4.77+00	342.7	2.68+04	330.8	9.29+04
651124	14790	3A	.03533	.03492	6.71+00	364.2	7.15+04	368.4	1.92+05
651124	15046	3A	.02851	.03064	9.46+00	363.4	8.67+04	371.1	2.74+05
651124	15302	3A	.02428	.02434	6.87+00	371.5	5.89+04	371.7	2.40+05
651124	15558	3A	.02925	.02783	8.80+00	364.2	6.26+04	368.5	2.80+05
651124	17862	3A	.02711	.02738	6.34+00	356.7	5.05+04	357.8	1.59+05
651124	18118	3A	.02201	.02068	6.69+00	359.8	5.08+04	357.2	2.55+05
651124	27590	3A	.02895	.02891	9.11+00	339.9	5.16+04	339.2	1.54+05
651124	28358	3A	.01746	.01746	1.44+01	349.0	5.38+04	350.1	1.66+05
651124	28614	3A	.01577	.01588	1.24+01	346.6	5.42+04	349.7	1.42+05
651124	30662	3A	.02514	.02531	8.73+00	352.6	5.26+04	351.6	2.03+05
651124	40902	3A	.07555	.07603	8.12+00	339.8	7.81+04	343.8	2.48+05
651124	41158	3A	.04653	.04808	7.29+00	338.4	4.87+04	350.1	2.58+05
651124	41926	3A	.07073	.07142	6.34+00	350.2	5.68+04	351.2	2.26+05
651124	43974	3A	.06562	.06524	6.54+00	350.6	5.93+04	354.3	2.82+05
651124	44230	3A	.05606	.05387	7.55+00	353.4	5.66+04	350.4	1.96+05
651124	56262	3A	.04755	.04912	7.02+00	370.5	7.91+04	377.8	2.44+05
651124	58518	3A	.06956	.06500	6.28+00	366.4	6.26+04	367.9	3.09+05
651124	56774	3A	.07186	.06625	6.48+00	368.6	6.63+04	368.6	3.18+05
651124	57286	3A	.04981	.05402	7.21+00	364.8	1.05+05	376.0	3.08+05
651124	59334	3A	.03553	.03632	1.09+01	359.0	1.06+05	371.3	2.84+05
651124	59590	3A	.06264	.05799	6.25+00	360.6	9.59+04	366.2	3.51+05
651124	59846	3A	.08031	.07918	6.11+00	351.9	7.93+04	363.2	3.05+05
651124	70597	3A	.06239	.05808	5.16+00	356.4	6.09+04	355.8	2.74+05
651124	71109	3A	.04201	.04198	7.64+00	383.6	5.02+04	384.6	1.86+05
651124	84933	3A	.05250	.04967	6.81+00	358.1	5.64+04	359.0	2.58+05
651124	85189	3A	.05849	.05649	6.52+00	356.4	5.97+04	356.5	2.22+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651119	35401	3A	.00965	.00961	7.30+00	409.1	1.18+05	413.8	3.03+05
651119	35657	3A	.01029	.01158	7.26+00	402.2	1.15+05	408.2	2.77+05
651119	35913	3A	.03006	.03006	5.98+00	403.4	1.04+05	434.4	4.95+05
651119	37449	3A	.00897	.00762	5.29+00	386.4	9.65+04	393.1	3.62+05
651119	37705	3A	.01136	.01103	4.79+00	361.3	9.54+04	408.3	5.17+05
651119	37961	3A	.01206	.01221	4.66+00	369.9	8.57+04	411.7	3.80+05
651119	38217	3A	.01396	.01391	5.18+00	389.0	9.71+04	407.4	3.38+05
651119	43849	3A	.01657	.01673	6.10+00	378.8	1.05+05	407.1	3.46+05
651119	44361	3A	.02080	.02069	5.69+00	366.8	9.81+04	415.8	3.81+05
651119	46153	3A	.01951	.01935	4.81+00	382.6	8.56+04	403.4	2.76+05
651119	46409	3A	.01417	.01445	4.93+00	394.8	8.98+04	407.0	2.71+05
651119	48201	3A	.02679	.02743	4.69+00	384.7	7.17+04	391.7	4.02+05
651119	49225	3A	.01597	.01615	5.65+00	373.5	7.71+04	392.2	2.63+05
651119	63561	3A	.00678	.00646	3.54+00	370.2	7.01+04	388.3	1.25+05
651119	64073	3A	.01109	.01079	4.44+00	379.2	8.53+04	390.3	2.88+05
651119	65609	3A	.02308	.02179	6.00+00	392.1	7.46+04	400.8	3.22+05
651119	65865	3A	.02472	.02405	6.47+00	391.8	9.76+04	408.7	3.42+05
651119	66377	3A	.02245	.02208	5.97+00	382.8	9.10+04	388.3	2.80+05
651119	66633	3A	.02434	.02236	5.88+00	385.6	8.50+04	399.4	3.37+05
651119	66889	3A	.03026	.03139	4.46+00	382.2	9.75+04	412.0	3.09+05
651119	73801	3A	.01066	.00956	6.03+00	389.9	8.06+04	398.2	3.71+05
651119	74057	3A	.01587	.01519	5.26+00	370.7	9.33+04	405.0	3.63+05
651119	74313	3A	.01564	.01394	3.80+00	372.9	7.71+04	399.1	5.17+05
651119	74569	3A	.00740	.00663	5.25+00	385.1	7.20+04	399.3	5.09+05
651119	74825	3A	.00700	.00675	5.39+00	386.8	8.08+04	415.9	2.94+05
651119	76361	3A	.00649	.00503	5.73+00	394.0	5.11+04	404.2	4.72+05
651119	76617	3A	.00881	.00925	4.61+00	377.3	5.71+04	387.3	3.65+05
651119	76873	3A	.00971	.00711	4.67+00	378.0	5.46+04	380.0	3.19+05
651119	77129	3A	.00650	.00665	4.88+00	383.9	5.22+04	384.9	2.84+05
651119	77385	3A	.00676	.00657	4.77+00	380.4	5.10+04	401.6	4.31+05
651120	14536	3A	.00711	.00700	3.99+00	422.6	1.02+05	447.4	6.02+05
651120	14792	3A	.00330	.01289	3.92+00	415.5	9.99+04	463.4	3.71+05
651120	15048	3A	.00410	.00446	4.04+00	416.0	1.00+05	452.0	5.87+05
651120	15304	3A	.00478	.00501	3.69+00	420.8	1.07+05	456.2	5.22+05
651120	15816	3A	.00458	.00482	3.90+00	422.1	1.07+05	441.7	3.13+05
651120	16072	3A	.00504	.00502	3.94+00	426.3	1.05+05	455.8	1.03+06
651120	31176	3A	.00590	.00676	4.67+00	412.1	1.12+05	441.5	8.04+05
651120	31432	3A	.00654	.00692	3.93+00	415.7	9.75+04	436.2	3.11+05
651120	31688	3A	.00535	.00589	7.05+00	426.8	1.37+05	433.3	5.43+05
651120	31944	3A	.01043	.00997	4.75+00	445.6	9.72+04	452.0	5.58+05
651120	32200	3A	.01026	.01061	4.67+00	416.4	1.14+05	451.4	6.26+05
651120	44744	3A	.02351	.02420	4.80+00	381.6	1.42+05	413.4	5.86+05
651120	45000	3A	.01154	.01119	4.90+00	388.0	9.66+04	395.9	4.34+05
651120	45512	3A	.00673	.00663	4.31+00	386.3	8.60+04	416.4	4.07+05
651120	45768	3A	.00996	.01002	5.11+00	376.2	1.54+05	413.7	4.06+05
651120	46280	3A	.00801	.00784	5.41+00	393.8	1.14+05	406.5	3.25+05
651120	46536	3A	.00743	.00634	5.66+00	394.2	1.19+05	398.0	1.45+05
651120	59336	3A	.04569	.04463	2.60+00	405.2	5.60+04	398.7	4.07+05
651120	59592	3A	.02334	.02174	3.10+00	404.5	1.05+05	399.7	3.90+05
651120	60360	3A	.01679	.01710	2.85+00	390.8	8.08+04	398.3	2.73+05
651120	60872	3A	.03954	.03980	2.12+00	383.9	3.40+04	374.5	3.74+05
651121	8809	3B	.01212	.01201	3.50+00	450.0	1.59+05	481.5	6.03+05
651121	9065	3B	.01445	.01561	3.34+00	458.7	1.61+05	488.3	4.65+05
651121	9833	3B	.01135	.01178	2.56+00	465.2	9.84+04	474.2	3.90+05
651121	10089	3B	.01095	.01147	3.59+00	514.1	1.48+05	525.5	8.04+05
651121	24169	3B	.00574	.00646	4.59+00	400.7	1.34+05	425.7	3.37+05
651121	24681	3B	.00830	.01720	3.37+00	398.5	1.46+05	412.9	3.72+05
651121	50281	3B	.01392	.01338	3.58+00	455.1	1.62+05	490.3	5.16+05
651121	50793	3B	.02287	.03420	3.05+00	443.9	2.10+05	485.7	7.29+05
651121	51049	3B	.03879	.04064	1.72+00	455.4	1.13+05	454.0	5.50+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P THMP	A VEL	A THMP
651114	60108	3A	.00589	.00720	5.65+00	357.7	9.20+04	376.8	3.75+05
651114	60364	3A	.00340	.00338	6.57+00	359.7	8.66+04	384.3	3.44+05
651114	60620	3A	.00652	.00735	6.45+00	359.5	7.90+04	365.8	3.44+05
651114	78796	3A	.00509	.00526	5.12+00	360.6	6.83+04	356.2	1.26+05
651114	79308	3A	.00356	.00334	5.78+00	355.2	6.65+04	373.4	2.40+05
651114	79564	3A	.00588	.00605	4.80+00	358.3	6.81+04	372.0	4.08+05
651114	79820	3A	.00538	.00583	5.18+00	362.2	6.04+04	365.0	2.71+05
651114	80332	3A	.00392	.00401	5.51+00	361.2	6.14+04	365.8	1.61+05
651114	80588	3A	.00625	.00574	5.12+00	358.6	5.73+04	361.4	2.99+05
651115	4684	3A	.00263	.00269	6.73+00	367.8	6.56+04	375.8	1.49+05
651115	4940	3A	.00781	.00783	4.26+00	349.3	4.74+04	366.9	2.55+05
651115	5196	3A	.00520	.00532	5.97+00	374.8	7.10+04	378.8	2.26+05
651115	5452	3A	.00540	.00539	5.43+00	372.0	6.78+04	373.7	3.16+05
651115	14924	3A	.00477	.00489	5.04+00	364.8	7.44+04	373.4	3.73+05
651115	15180	3A	.00350	.00313	4.75+00	360.9	6.78+04	376.1	3.41+05
651115	15436	3A	.00342	.00361	4.98+00	358.4	6.76+04	373.6	4.50+05
651115	16204	3A	.00349	.00356	5.15+00	356.7	7.11+04	367.6	2.65+05
651115	17740	3A	.00504	.00505	4.65+00	357.4	7.07+04	366.6	2.59+05
651115	17996	3A	.00378	.00354	4.65+00	358.2	6.88+04	355.9	3.01+05
651115	29003	3A	.00453	.00432	3.98+00	354.3	6.82+04	353.2	1.16+05
651115	29259	3A	.00587	.00593	3.80+00	353.9	6.20+04	372.1	3.61+05
651115	32587	3A	.00432	.00432	3.46+00	340.1	6.40+04	351.6	1.91+05
651115	43595	3A	.00593	.00589	5.21+00	356.4	8.09+04	364.9	2.26+05
651115	43851	3A	.00610	.00820	5.31+00	358.2	6.24+04	363.9	3.70+05
651115	44107	3A	.00548	.00536	5.48+00	354.9	6.53+04	382.6	2.77+05
651115	44619	3A	.00624	.00615	5.46+00	353.1	6.39+04	360.6	1.46+05
651115	46923	3A	.00361	.00375	7.70+00	352.6	8.29+04	385.2	8.02+05
651115	62795	3A	.00627	.00638	4.69+00	338.3	5.30+04	358.5	2.42+05
651115	63051	3A	.00616	.00617	4.77+00	338.7	6.01+04	351.4	1.90+05
651115	63307	3A	.00643	.00641	4.28+00	340.4	5.35+04	343.3	2.33+05
651115	65611	3A	.00794	.00807	3.97+00	340.7	4.69+04	346.7	1.67+05
651115	65867	3A	.00563	.00559	4.00+00	345.4	5.04+04	354.5	4.08+05
651116	38120	3B	.00800	.00573	4.36+00	319.1	5.42+04	327.9	1.68+05
651116	50920	3B	.00329	.00394	4.20+00	312.1	4.82+04	317.1	1.73+05
651116	51432	3B	.00901	.00855	5.94+00	325.2	7.23+04	346.6	2.26+05
651116	53736	3B	.00502	.00332	8.50+00	307.8	7.07+04	330.2	2.17+05
651116	53992	3B	.00738	.00727	6.37+00	315.7	4.97+04	324.5	2.70+05
651116	67560	3B	.01005	.00888	7.29+00	324.6	7.21+04	348.4	3.45+05
651117	9320	3B	.00802	.02709	6.77+00	315.9	6.92+04	328.0	2.44+05
651117	9576	3B	.01019	.01344	6.56+00	316.1	6.48+04	326.2	2.26+05
651117	9832	3B	.01072	.01337	6.76+00	316.8	6.27+04	329.2	2.60+05
651117	24680	3B	.01197	.01282	6.53+00	330.1	8.42+04	339.8	2.72+05
651117	24938	3B	.00591	.00599	9.11+00	329.9	9.91+04	357.1	1.88+05
651117	25192	3B	.01154	.01104	6.55+00	327.0	7.84+04	345.5	3.33+05
651117	25448	3B	.01055	.00893	1.02+01	319.5	1.21+05	332.4	3.52+05
651118	77769	3A	.01875	.01868	7.91+00	343.9	4.80+04	345.4	1.70+05
651118	78025	3A	.01809	.01736	1.13+01	348.2	6.21+04	345.1	3.43+05
651119	2121	3A	.01185	.01067	8.25+00	356.2	3.75+04	348.2	7.55+04
651119	2377	3A	.01121	.01013	7.87+00	348.3	3.77+04	350.4	1.90+05
651119	2633	3A	.01117	.01090	8.63+00	351.0	4.02+04	357.3	1.79+05
651119	3657	3A	.01149	.01081	6.51+00	348.4	4.06+04	345.6	1.08+05
651119	3913	3A	.00752	.00757	8.60+00	354.8	4.51+04	358.6	1.42+05
651119	12873	3A	.00542	.00540	1.03+01	360.1	6.57+04	357.8	1.62+05
651119	13385	3A	.00758	.00737	1.06+01	354.3	7.39+04	355.6	2.88+05
651119	14153	3A	.00526	.00533	1.29+01	361.4	7.36+04	367.9	2.29+05
651119	32841	3A	.01289	.01342	7.37+00	402.6	1.16+05	405.5	3.39+05
651119	33097	3A	.01336	.01133	7.17+00	395.3	1.03+05	406.7	3.77+05
651119	33353	3A	.01236	.01062	7.12+00	408.0	1.07+05	406.9	3.34+05
651119	34889	3A	.01272	.01324	7.00+00	399.5	1.10+05	403.7	3.40+05
651119	35145	3A	.01435	.01242	7.07+00	402.1	1.08+05	405.5	3.17+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651111	2126	3A	.02083	.02071	4.94+00	288.6	2.84+04	280.0	1.20+05
651111	2382	3A	.02201	.02294	4.84+00	280.6	3.27+04	279.1	9.60+04
651111	2638	3A	.01635	.01669	5.00+00	281.9	3.17+04	282.7	9.38+04
651111	2894	3A	.03093	.03139	4.50+00	282.9	3.27+04	279.2	1.00+05
651111	3406	3A	.02311	.02401	5.01+00	276.8	2.87+04	278.2	6.10+04
651111	18510	3A	.02352	.02338	3.05+00	291.3	3.01+04	296.4	1.16+05
651111	18766	3A	.01619	.01613	5.59+00	293.2	2.12+04	292.8	3.98+04
651111	19022	3A	.01607	.01598	5.34+00	293.3	2.07+04	292.7	7.14+04
651111	34638	3A	.01287	.01179	7.02+00	286.1	5.73+04	281.8	1.07+05
651111	34894	3A	.01405	.01400	7.34+00	280.3	4.24+04	277.9	1.27+05
651111	53606	3B	.00800	.00805	1.05+01	263.1	3.92+04	299.2	1.07+05
651111	74598	3B	.04592	.04584	6.73+00	302.7	3.21+04	303.4	9.54+04
651111	74854	3B	.04743	.04703	6.91+00	310.5	3.54+04	306.8	8.09+04
651111	75110	3B	.04836	.04866	6.23+00	306.5	3.58+04	306.8	8.94+04
651111	75366	3B	.05744	.05752	6.46+00	303.1	3.17+04	310.7	1.05+05
651111	75622	3B	.05613	.05671	6.59+00	310.9	3.87+04	311.5	1.02+05
651111	75878	3B	.05234	.05272	6.50+00	309.4	3.54+04	309.7	9.04+04
651112	1510	3B	.07162	.07149	6.75+00	303.6	3.99+04	305.9	1.15+05
651112	1766	3B	.06892	.06929	7.12+00	304.9	4.29+04	308.0	1.23+05
651112	2022	3B	.06453	.06272	6.83+00	304.3	3.91+04	305.7	1.20+05
651112	2278	3B	.06706	.06602	5.72+00	304.3	3.77+04	306.0	1.12+05
651112	2534	3B	.06443	.06372	5.49+00	305.1	4.34+04	304.3	1.24+05
651112	14566	3B	.04912	.04900	4.78+00	298.7	3.19+04	302.5	1.12+05
651112	14822	3B	.05081	.04885	4.63+00	297.9	3.20+04	298.0	1.20+05
651112	15078	3B	.05633	.05391	4.88+00	299.6	3.24+04	297.9	1.21+05
651112	15334	3B	.06765	.06539	4.50+00	298.6	3.45+04	299.7	1.22+05
651112	15590	3B	.06377	.06087	4.65+00	299.7	3.16+04	300.2	1.38+05
651112	15846	3B	.06105	.06050	4.79+00	297.9	3.15+04	298.2	1.39+05
651112	16102	3B	.06026	.05793	4.54+00	297.0	3.01+04	296.3	1.09+05
651112	26342	3B	.06342	.06308	4.82+00	298.7	4.12+04	299.0	9.67+04
651112	26598	3B	.06132	.06110	4.63+00	298.4	3.97+04	300.3	1.04+05
651112	26854	3B	.06072	.06016	4.39+00	298.6	4.29+04	299.6	1.09+05
651112	27110	3B	.06529	.06440	4.62+00	300.0	4.22+04	302.5	1.56+05
651112	27366	3B	.05270	.05286	5.06+00	299.5	4.32+04	304.7	1.07+05
651112	27622	3B	.07159	.07234	4.57+00	301.1	4.64+04	303.2	1.19+05
651112	27878	3B	.05368	.05310	4.58+00	301.2	3.90+04	301.5	1.19+05
651112	41446	3B	.02831	.02864	6.47+00	303.3	2.40+04	304.1	8.89+04
651112	41702	3B	.02320	.02328	6.49+00	313.7	3.12+04	311.4	8.34+04
651112	41958	3B	.02695	.02680	6.62+00	312.6	2.89+04	315.8	1.09+05
651112	42470	3B	.02738	.02682	6.72+00	312.3	3.15+04	313.3	9.54+04
651112	42726	3B	.03009	.02993	9.35+00	310.8	3.04+04	313.3	8.86+04
651112	52198	3B	.00305	.00322	5.89+00	339.7	2.42+04	343.6	9.69+04
651112	53242	3B	.00617	.00618	7.22+00	343.6	2.57+04	337.3	1.98+05
651112	53478	3B	.00936	.00927	6.88+00	342.4	2.81+04	346.8	8.77+04
651112	55270	3B	.00453	.00441	6.93+00	345.6	3.05+04	347.1	1.77+05
651112	55526	3B	.00408	.00403	7.43+00	345.6	2.94+04	342.9	2.70+05
651112	55782	3B	.00464	.00367	7.79+00	347.1	3.25+04	340.4	3.45+05
651112	56038	3B	.00296	.00309	1.03+01	344.0	4.32+04	355.3	1.98+05
651112	56294	3B	.00584	.00459	1.04+01	340.3	4.22+04	338.7	2.61+05
651112	57814	3B	.00851	.00846	1.58+01	338.2	5.19+04	338.2	2.23+05
651112	66326	3B	.00624	.00579	1.57+01	334.4	4.85+04	332.9	2.31+05
651112	71142	3B	.00578	.00573	1.37+01	333.6	4.29+04	337.7	2.31+05
651112	71398	3B	.00654	.00552	1.62+01	337.1	4.79+04	329.2	2.79+05
651114	25548	3A	.00905	.01059	8.78+00	320.9	8.18+04	346.5	2.65+05
651114	25804	3A	.00619	.00627	9.39+00	332.5	9.71+04	358.2	1.77+05
651114	26572	3A	.00606	.00544	9.65+00	338.9	8.08+04	345.1	2.15+05
651114	26828	3A	.00437	.00428	7.57+00	335.6	6.96+04	351.6	2.75+05
651114	59084	3A	.00256	.00794	6.07+00	363.1	9.81+04	378.5	2.38+05
651114	59340	3A	.00374	.00412	6.60+00	367.2	9.47+04	389.5	4.19+05
651114	59596	3A	.00549	.00576	6.15+00	361.2	9.33+04	382.0	4.22+05

DATE	TIME	HD	APR1	APR2	DENSITY	P VOL.	P TEMP	A VOL.	A TEMP
651107	82568	3B	.06287	.06076	7.52+00	309.0	4.72+04	303.2	1.31+05
651107	82824	3B	.06185	.06321	6.36+00	308.7	4.34+04	306.3	9.83+04
651108	5896	3B	.06310	.06336	6.60+00	303.5	4.01+04	301.5	1.02+05
651108	6152	3B	.05694	.05698	6.62+00	301.9	4.12+04	300.5	1.19+05
651108	6408	3B	.06021	.06038	6.41+00	301.2	3.53+04	301.3	7.33+04
651108	6664	3B	.07288	.07374	7.78+00	286.1	3.09+04	302.2	1.03+05
651108	6920	3B	.10253	.08943	6.26+00	296.1	4.92+04	290.5	1.60+05
651108	7432	3B	.06140	.05916	6.56+00	302.0	3.82+04	296.1	1.02+05
651108	35080	3B	.03701	.03685	7.85+00	293.6	1.69+04	300.6	1.08+05
651108	35336	3B	.04241	.04234	6.25+00	311.1	1.69+04	302.2	7.08+04
651109	43855	3A	.04808	.04917	6.65+00	342.8	7.26+04	357.1	1.88+05
651109	44111	3A	.04211	.04276	7.17+00	346.0	7.21+04	342.9	1.89+05
651109	44367	3A	.04064	.04086	6.04+00	349.8	6.44+04	351.2	1.62+05
651109	58959	3A	.06865	.06779	4.14+00	339.2	5.67+04	336.5	2.52+05
651109	59471	3A	.06117	.06494	5.47+00	334.0	6.75+04	334.9	1.65+05
651109	61519	3A	.03366	.03321	3.83+00	333.5	6.28+04	328.4	8.61+04
651109	62031	3A	.03132	.03122	6.40+00	326.4	8.34+04	333.6	1.26+05
651109	62287	3A	.07658	.07673	3.28+00	313.7	3.76+04	316.0	2.89+05
651109	71247	3A	.04557	.04636	5.22+00	333.4	5.56+04	336.7	2.45+05
651109	71759	3A	.04754	.04839	3.53+00	325.1	6.49+04	332.8	2.50+05
651109	72015	3A	.04255	.04218	3.09+00	316.7	5.13+04	329.6	1.84+05
651109	84047	3A	.05924	.05884	3.01+00	323.3	4.23+04	322.3	1.47+05
651109	84303	3A	.04915	.04428	3.41+00	324.4	4.83+04	316.6	2.03+05
651109	84559	3A	.04854	.04303	3.74+00	324.1	4.95+04	323.8	1.48+05
651110	463	3A	.02369	.02222	5.15+00	315.5	4.34+04	316.5	1.84+05
651110	1231	3A	.01675	.01665	6.41+00	308.4	2.54+04	304.5	1.03+05
651110	1487	3A	.01654	.01602	5.99+00	306.9	2.34+04	305.7	1.24+05
651110	1743	3A	.01483	.01481	6.20+00	308.3	2.21+04	307.6	4.06+04
651110	13007	3A	.01840	.01823	6.52+00	311.1	2.70+04	308.5	7.16+04
651110	13263	3A	.01757	.01752	6.89+00	310.0	2.81+04	309.6	8.97+04
651110	13519	3A	.01855	.01849	6.35+00	306.3	2.53+04	308.0	7.31+04
651110	13775	3A	.01809	.01777	6.38+00	309.4	2.43+04	308.2	9.44+04
651110	25551	3A	.02080	.02070	6.01+00	299.8	2.61+04	300.3	5.80+04
651110	25807	3A	.02227	.02233	5.85+00	299.0	2.51+04	302.5	1.12+05
651110	26831	3A	.01730	.01736	6.33+00	296.0	2.65+04	299.8	8.86+04
651110	28623	3A	.01749	.01744	6.98+00	298.7	2.93+04	303.3	6.46+04
651110	28879	3A	.01777	.01781	6.73+00	298.9	3.04+04	299.6	6.57+04
651110	40143	3A	.01682	.01690	7.37+00	289.0	2.88+04	284.3	6.25+04
651110	40390	3A	.01806	.01878	7.12+00	293.1	2.98+04	291.9	6.09+04
651110	41167	3A	.00720	.00722	7.96+00	294.6	3.01+04	298.8	1.14+05
651110	42959	3A	.01320	.01289	6.19+00	297.9	2.29+04	293.3	6.63+04
651110	43215	3A	.01309	.01397	6.95+00	296.6	2.62+04	300.7	1.27+05
651110	56270	3A	.01162	.01165	5.74+00	293.8	2.63+04	293.7	6.80+04
651110	56526	3A	.01226	.01233	6.74+00	294.4	2.77+04	296.1	7.94+04
651110	57294	3A	.01342	.01335	5.76+00	295.4	2.80+04	293.5	4.21+04
651110	57806	3A	.01372	.01383	6.73+00	293.4	2.65+04	295.3	7.82+04
651110	58062	3A	.01568	.01569	5.46+00	294.5	2.65+04	295.9	1.00+05
651110	59598	3A	.01132	.01134	5.37+00	297.7	2.26+04	297.5	8.99+04
651110	72398	3A	.02276	.02168	6.73+00	295.4	3.05+04	296.2	1.45+05
651110	72654	3A	.01800	.01847	5.66+00	297.9	2.83+04	300.0	9.72+04
651110	72910	3A	.02122	.02097	5.46+00	298.0	2.94+04	299.3	1.18+05
651110	73166	3A	.01910	.01906	5.66+00	295.9	2.93+04	297.7	6.67+04
651110	73422	3A	.02035	.01951	5.53+00	295.4	3.10+04	294.1	1.07+05
651110	73678	3A	.01717	.01714	5.54+00	297.1	2.63+04	299.2	7.77+04
651110	73934	3A	.01582	.01595	5.80+00	299.4	2.98+04	305.3	1.24+05
651110	74190	3A	.01125	.01085	5.52+00	293.6	3.13+04	294.2	1.59+05
651110	74446	3A	.01702	.01586	5.33+00	295.4	3.00+04	291.3	1.24+05
651110	74702	3A	.01848	.01503	5.50+00	290.8	3.21+04	290.1	1.04+05
651110	74958	3A	.01541	.01556	5.67+00	289.4	2.90+04	289.4	1.05+05
651111	1870	3A	.02058	.02095	4.36+00	296.0	2.96+04	277.3	1.25+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL.	P TEMP	A VEL	A TEMP
651105	74833	3A	.07067	.06997	3.14+00	345.0	4.87+04	341.2	2.19+05
651105	75089	3A	.08699	.08762	4.34+00	340.4	7.03+04	343.5	2.14+05
651105	75857	3A	.06380	.07280	4.36+00	342.6	7.90+04	345.2	1.96+05
651105	76113	3A	.06911	.07284	4.44+00	341.6	8.73+04	345.7	2.04+05
651105	77393	3A	.08889	.09431	5.68+00	343.0	1.02+05	342.4	2.61+05
651106	465	3A	.06698	.07724	4.30+00	331.5	6.61+04	332.8	2.20+05
651106	721	3A	.05255	.05661	4.14+00	329.7	6.52+04	323.6	1.98+05
651106	977	3A	.07661	.07969	4.46+00	321.3	4.00+04	317.7	1.25+05
651106	3793	3A	.07739	.08348	3.70+00	329.0	4.02+04	330.8	1.57+05
651106	17617	3A	.07085	.07051	9.64+00	366.0	4.64+04	368.1	1.45+05
651106	18641	3A	.06311	.06348	6.61+00	361.7	4.03+04	361.7	1.07+05
651106	18897	3A	.06099	.06087	8.52+00	361.1	4.31+04	363.7	1.31+05
651106	79368	3B	.01599	.01608	5.81+00	362.3	5.73+04	362.9	2.10+05
651106	79624	3B	.01774	.01796	5.56+00	360.4	5.58+04	363.7	2.03+05
651106	79880	3B	.01625	.01631	5.69+00	360.3	5.92+04	362.7	3.06+05
651107	5768	3B	.01237	.01085	9.75+00	335.1	5.66+04	334.4	2.95+05
651107	6024	3B	.01864	.01778	7.67+00	333.1	5.13+04	334.7	1.77+05
651107	6280	3B	.01859	.01723	5.18+00	335.1	3.89+04	332.8	1.77+05
651107	6792	3B	.04843	.04833	8.58+00	341.9	3.11+04	344.3	7.65+04
651107	6854	3B	.01771	.01756	8.71+00	343.9	3.60+04	346.2	1.18+05
651107	9096	3B	.01223	.01181	6.06+00	342.5	3.73+04	342.3	1.66+05
651107	23176	3B	.04679	.04676	6.44+00	350.0	2.54+04	349.8	7.51+04
651107	24200	3B	.03987	.03968	6.72+00	346.0	2.50+04	348.0	9.03+04
651107	24456	3B	.04396	.04356	6.54+00	347.4	2.87+04	349.4	9.50+04
651107	25992	3B	.04606	.04602	6.03+00	346.2	2.38+04	349.8	7.09+04
651107	26248	3B	.04670	.04582	5.65+00	342.9	2.49+04	346.0	7.91+04
651107	38536	3B	.02416	.02418	3.72+00	343.9	2.52+04	343.0	1.27+05
651107	39048	3B	.04130	.04029	4.28+00	343.1	2.62+04	348.3	1.87+05
651107	39304	3B	.03670	.03676	4.13+00	340.6	3.40+04	341.5	1.69+05
651107	40072	3B	.03380	.03353	5.60+00	338.1	2.94+04	336.2	7.74+04
651107	52360	3B	.06099	.06184	4.42+00	331.6	3.31+04	330.1	9.77+04
651107	52616	3B	.05062	.05097	4.40+00	332.6	3.25+04	329.7	1.50+05
651107	52872	3B	.05483	.05458	4.64+00	332.0	3.25+04	329.2	8.57+04
651107	53128	3B	.05013	.04984	4.37+00	332.7	3.74+04	333.1	1.21+05
651107	53384	3B	.04460	.04444	4.37+00	334.3	3.43+04	332.2	1.01+05
651107	53640	3B	.05306	.05350	4.28+00	332.6	3.53+04	329.3	1.08+05
651107	56968	3B	.05544	.05518	4.53+00	329.2	3.66+04	323.8	7.58+04
651107	57224	3B	.05517	.05645	4.16+00	326.4	3.10+04	325.0	1.05+05
651107	57480	3B	.05809	.05352	4.13+00	325.0	3.30+04	324.0	1.17+05
651107	59272	3B	.05775	.05594	4.26+00	323.6	3.52+04	323.6	1.08+05
651107	59528	3B	.04523	.04700	4.22+00	323.6	3.76+04	321.9	1.05+05
651107	59784	3B	.04516	.04620	4.27+00	325.6	4.12+04	324.2	1.37+05
651107	61576	3B	.03558	.03569	4.51+00	325.6	3.11+04	327.2	1.05+05
651107	61832	3B	.03568	.03623	4.49+00	325.0	3.50+04	324.0	1.08+05
651107	62088	3B	.03926	.03978	4.58+00	326.5	3.55+04	324.8	1.24+05
651107	62344	3B	.03844	.03896	4.85+00	328.6	3.77+04	325.1	1.02+05
651107	62600	3B	.02981	.02769	5.12+00	329.3	3.60+04	323.0	1.34+05
651107	62856	3B	.02791	.02860	5.06+00	327.1	3.71+04	324.7	1.19+05
651107	63112	3B	.03642	.03687	5.39+00	327.1	3.46+04	323.2	1.04+05
651107	63368	3B	.03002	.02997	5.01+00	326.1	3.22+04	327.8	1.18+05
651107	64804	3B	.02877	.02960	4.76+00	322.7	3.72+04	322.7	1.49+05
651107	65160	3B	.02943	.03066	4.60+00	322.3	4.25+04	319.4	1.94+05
651107	65416	3B	.03246	.03389	4.39+00	322.2	3.95+04	323.4	1.54+05
651107	65672	3B	.03288	.03369	4.23+00	325.2	3.59+04	324.4	1.64+05
651107	65928	3B	.03714	.03768	3.83+00	319.7	3.23+04	319.9	1.58+05
651107	61032	3B	.04772	.04903	6.49+00	305.9	5.04+04	301.2	1.15+05
651107	61288	3B	.06371	.06700	6.34+00	300.0	5.26+04	299.2	8.19+04
651107	61800	3B	.04604	.04810	6.70+00	307.0	5.00+04	305.9	9.39+04
651107	62056	3B	.06995	.07303	6.25+00	307.3	5.10+04	302.2	9.31+04
651107	62312	3B	.06434	.06592	6.51+00	305.4	4.99+04	302.0	1.04+05

DATE	TIME	BD	APR1	APR2	DENSITY	P VEL	P TEMP	A VEL	A TEMP
651029	60165	3B	.03378	.03165	4.46+00	417.8	7.93+04	425.7	4.88+05
651029	60421	3B	.02600	.02597	5.00+00	417.5	7.69+04	424.0	3.29+05
651029	72709	3B	.04177	.04459	6.87+00	387.5	8.33+04	391.1	3.06+05
651029	72965	3B	.04060	.04143	7.62+00	383.4	8.96+04	392.5	3.36+05
651029	73221	3B	.04361	.04508	7.38+00	386.3	1.00+05	391.8	3.18+05
651031	22229	3A	.02677	.02697	3.84+00	450.7	9.83+04	454.3	4.19+05
651031	36565	3A	.05563	.05475	4.21+00	437.3	9.41+04	433.0	3.13+05
651031	37589	3A	.05065	.05051	3.52+00	432.9	7.48+04	438.2	2.94+05
651031	39637	3A	.04414	.04436	3.93+00	431.2	7.65+04	440.3	4.04+05
651031	51157	3A	.04872	.04979	5.24+00	422.5	1.29+05	432.2	4.53+05
651031	51925	3A	.06504	.06029	5.74+00	421.2	1.35+05	442.9	4.93+05
651031	65461	3A	.04141	.04395	4.32+00	424.0	8.92+04	425.0	3.50+05
651031	65749	3A	.03812	.04109	5.22+00	419.9	1.12+05	429.3	4.40+05
651031	66005	3A	.03685	.03978	5.16+00	414.4	1.04+05	424.9	3.73+05
651031	66517	3A	.03548	.03586	5.04+00	422.0	1.11+05	426.2	2.88+05
651031	66773	3A	.03419	.03213	5.18+00	424.0	1.11+05	430.6	3.80+05
651031	68565	3A	.05808	.05951	3.85+00	411.2	9.15+04	421.1	4.24+05
651031	79828	3A	.03100	.03137	3.57+00	415.6	1.11+05	434.9	4.63+05
651031	80084	3A	.03434	.03399	3.70+00	415.9	9.90+04	431.8	4.53+05
651031	82388	3A	.02662	.02684	3.79+00	416.3	1.10+05	438.4	4.46+05
651031	82644	3A	.03900	.03788	2.49+00	423.7	5.65+04	419.3	4.05+05
651031	82900	3A	.03213	.03272	2.55+00	423.6	5.66+04	425.6	3.17+05
651031	83156	3A	.02771	.02776	3.01+00	424.4	6.43+04	428.9	3.12+05
651101	7764	3A	.02680	.02971	3.06+00	405.8	9.62+04	420.9	3.56+05
651101	8020	3A	.03383	.03397	2.94+00	406.6	1.08+05	430.2	4.11+05
651101	8276	3A	.04131	.04435	2.28+00	429.5	1.04+05	435.9	3.71+05
651101	6532	3A	.03414	.03775	2.82+00	422.9	1.46+05	436.3	2.96+05
651101	22100	3A	.03516	.03634	2.34+00	412.0	8.48+04	425.1	2.89+05
651101	22612	3A	.03853	.03931	2.72+00	405.2	8.33+04	417.1	3.83+05
651101	40276	3A	.02525	.05241	4.63+00	369.9	6.94+04	372.9	4.21+05
651101	51284	3A	.02616	.02671	5.13+00	388.9	4.72+04	393.9	2.16+05
651101	51540	3A	.02841	.02564	4.52+00	372.3	6.12+04	372.9	2.60+05
651101	51796	3A	.02946	.02870	4.52+00	376.1	6.04+04	386.0	2.68+05
651101	52052	3A	.02802	.02572	4.93+00	372.1	5.96+04	368.7	3.82+05
651101	52308	3A	.02345	.02218	5.14+00	372.5	6.30+04	376.5	2.56+05
651101	52564	3A	.02985	.02819	5.24+00	371.7	6.14+04	364.8	3.22+05
651101	52820	3A	.02642	.02719	5.87+00	380.7	5.28+04	376.6	3.57+05
651101	53076	3A	.02802	.02641	5.90+00	391.9	5.09+04	387.3	3.22+05
651101	67156	3A	.01800	.01920	3.93+00	399.0	1.22+05	425.5	3.80+05
651101	67924	3A	.01978	.01969	3.58+00	398.1	1.03+05	422.5	4.22+05
651101	68180	3A	.01702	.01810	3.63+00	394.3	1.08+05	427.0	4.48+05
651102	15878	3B	.01574	.01531	3.21+00	479.4	1.59+05	495.6	5.36+05
651102	16134	3B	.01418	.01436	3.11+00	493.7	1.45+05	504.2	6.25+05
651102	16390	3B	.01767	.01443	3.21+00	480.4	1.51+05	488.2	7.13+05
651102	16646	3B	.01680	.01951	3.40+00	473.2	1.78+05	492.9	4.74+05
651102	16902	3B	.02174	.02205	3.30+00	471.7	1.60+05	491.8	7.06+05
651102	30470	3B	.02335	.02377	2.11+00	469.8	1.20+05	491.5	5.08+05
651102	30726	3B	.01957	.01973	2.41+00	468.2	1.40+05	487.3	5.15+05
651102	30982	3B	.02352	.02110	2.49+00	461.3	1.50+05	494.0	6.93+05
651102	31238	3B	.03557	.03683	1.79+00	460.6	1.44+05	510.4	9.62+05
651102	31750	3B	.02481	.02344	2.24+00	459.9	1.25+05	478.3	6.68+05
651102	32000	3B	.02116	.01737	2.74+00	466.6	1.42+05	487.6	7.27+05
651102	45574	3B	.01552	.01742	2.49+00	453.8	1.22+05	486.2	5.92+05
651102	46086	3B	.01180	.01213	3.22+00	444.5	1.33+05	507.5	4.07+05
651102	54534	3B	.01696	.01841	3.17+00	437.5	1.16+05	484.7	7.40+05
651102	54790	3B	.01657	.01834	3.57+00	434.7	1.48+05	466.4	6.71+05
651102	55046	3B	.01772	.01686	3.25+00	441.2	1.26+05	469.4	4.32+05
651105	16210	3A	.04628	.04588	3.67+00	367.8	2.82+04	371.9	1.11+05
651105	17490	3A	.05168	.05168	4.74+00	377.4	2.86+04	382.2	5.62+04
651105	61265	3A	.03209	.03222	7.34+00	356.7	3.91+04	356.1	1.15+05